

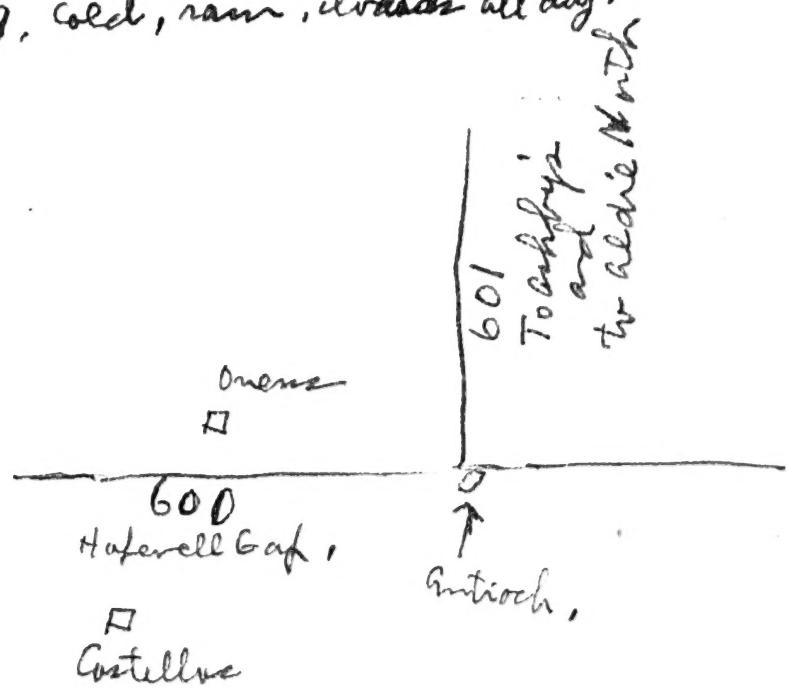
Book No 5

H. A. ALLARD

Field
Collection
Numbers

6104 - 7447

To south end of Shrub Mt., Va., Massanutten, Shenandoah Co., with Dr. Bruno Klinger, April 16, 1939. Cold, rain, clouds all day.



see letter of March 29, 1939 from Dr. William R. Maxon, Curator, Division of Plants, U.S. Nat. Museum, relative to plants of mine 2672 - 4380, relating to plants of mine 2672 - 4380. Grasses were ident. by Dr. Smallen & Miss T. C. Weintraub. Compositae by Dr. S. F. Blake; sedges & rushes by Dr. T. J. Hermann, Cladonia by Prof. A. W. Evans, of Yale Univ., Ferns by Dr. Maxon, remainder by Dr. Leonard.

Mt. Traveller, Magee, The Fowler Ponds = T 5 R 9

Mt. = T 3 R 9

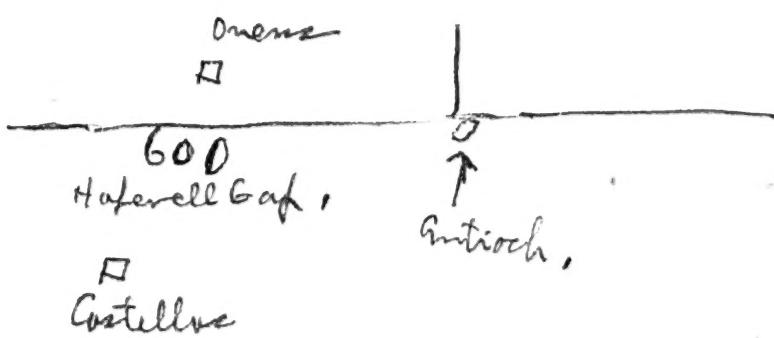
Lake Mataganon at camp = T 6 R 8,

Patten = T 4 Range 6

Horse Mt = T 6 R 8,

" " " 1939 To - 1. D. 1939
In event of death turn this
over to ¹ ₂ ³ ₄ ⁵ ₆ ⁷ ₈ ⁹ ₁₀ ¹¹ ₁₂ ¹³ ₁₄ ¹⁵ ₁₆ ¹⁷ ₁₈ ¹⁹ ₂₀ ²¹ ₂₂ ²³ ₂₄ ²⁵ ₂₆ ²⁷ ₂₈ ²⁹ ₃₀ ³¹ ₃₂ ³³ ₃₄ ³⁵ ₃₆ ³⁷ ₃₈ ³⁹ ₄₀ ⁴¹ ₄₂ ⁴³ ₄₄ ⁴⁵ ₄₆ ⁴⁷ ₄₈ ⁴⁹ ₅₀ ⁵¹ ₅₂ ⁵³ ₅₄ ⁵⁵ ₅₆ ⁵⁷ ₅₈ ⁵⁹ ₆₀ ⁶¹ ₆₂ ⁶³ ₆₄ ⁶⁵ ₆₆ ⁶⁷ ₆₈ ⁶⁹ ₇₀ ⁷¹ ₇₂ ⁷³ ₇₄ ⁷⁵ ₇₆ ⁷⁷ ₇₈ ⁷⁹ ₈₀ ⁸¹ ₈₂ ⁸³ ₈₄ ⁸⁵ ₈₆ ⁸⁷ ₈₈ ⁸⁹ ₉₀ ⁹¹ ₉₂ ⁹³ ₉₄ ⁹⁵ ₉₆ ⁹⁷ ₉₈ ⁹⁹ ₁₀₀ ¹⁰¹ ₁₀₂ ¹⁰³ ₁₀₄ ¹⁰⁵ ₁₀₆ ¹⁰⁷ ₁₀₈ ¹⁰⁹ ₁₁₀ ¹¹¹ ₁₁₂ ¹¹³ ₁₁₄ ¹¹⁵ ₁₁₆ ¹¹⁷ ₁₁₈ ¹¹⁹ ₁₂₀ ¹²¹ ₁₂₂ ¹²³ ₁₂₄ ¹²⁵ ₁₂₆ ¹²⁷ ₁₂₈ ¹²⁹ ₁₃₀ ¹³¹ ₁₃₂ ¹³³ ₁₃₄ ¹³⁵ ₁₃₆ ¹³⁷ ₁₃₈ ¹³⁹ ₁₄₀ ¹⁴¹ ₁₄₂ ¹⁴³ ₁₄₄ ¹⁴⁵ ₁₄₆ ¹⁴⁷ ₁₄₈ ¹⁴⁹ ₁₅₀ ¹⁵¹ ₁₅₂ ¹⁵³ ₁₅₄ ¹⁵⁵ ₁₅₆ ¹⁵⁷ ₁₅₈ ¹⁵⁹ ₁₆₀ ¹⁶¹ ₁₆₂ ¹⁶³ ₁₆₄ ¹⁶⁵ ₁₆₆ ¹⁶⁷ ₁₆₈ ¹⁶⁹ ₁₇₀ ¹⁷¹ ₁₇₂ ¹⁷³ ₁₇₄ ¹⁷⁵ ₁₇₆ ¹⁷⁷ ₁₇₈ ¹⁷⁹ ₁₈₀ ¹⁸¹ ₁₈₂ ¹⁸³ ₁₈₄ ¹⁸⁵ ₁₈₆ ¹⁸⁷ ₁₈₈ ¹⁸⁹ ₁₉₀ ¹⁹¹ ₁₉₂ ¹⁹³ ₁₉₄ ¹⁹⁵ ₁₉₆ ¹⁹⁷ ₁₉₈ ¹⁹⁹ ₂₀₀ ²⁰¹ ₂₀₂ ²⁰³ ₂₀₄ ²⁰⁵ ₂₀₆ ²⁰⁷ ₂₀₈ ²⁰⁹ ₂₁₀ ²¹¹ ₂₁₂ ²¹³ ₂₁₄ ²¹⁵ ₂₁₆ ²¹⁷ ₂₁₈ ²¹⁹ ₂₂₀ ²²¹ ₂₂₂ ²²³ ₂₂₄ ²²⁵ ₂₂₆ ²²⁷ ₂₂₈ ²²⁹ ₂₃₀ ²³¹ ₂₃₂ ²³³ ₂₃₄ ²³⁵ ₂₃₆ ²³⁷ ₂₃₈ ²³⁹ ₂₄₀ ²⁴¹ ₂₄₂ ²⁴³ ₂₄₄ ²⁴⁵ ₂₄₆ ²⁴⁷ ₂₄₈ ²⁴⁹ ₂₅₀ ²⁵¹ ₂₅₂ ²⁵³ ₂₅₄ ²⁵⁵ ₂₅₆ ²⁵⁷ ₂₅₈ ²⁵⁹ ₂₆₀ ²⁶¹ ₂₆₂ ²⁶³ ₂₆₄ ²⁶⁵ ₂₆₆ ²⁶⁷ ₂₆₈ ²⁶⁹ ₂₇₀ ²⁷¹ ₂₇₂ ²⁷³ ₂₇₄ ²⁷⁵ ₂₇₆ ²⁷⁷ ₂₇₈ ²⁷⁹ ₂₈₀ ²⁸¹ ₂₈₂ ²⁸³ ₂₈₄ ²⁸⁵ ₂₈₆ ²⁸⁷ ₂₈₈ ²⁸⁹ ₂₉₀ ²⁹¹ ₂₉₂ ²⁹³ ₂₉₄ ²⁹⁵ ₂₉₆ ²⁹⁷ ₂₉₈ ²⁹⁹ ₃₀₀ ³⁰¹ ₃₀₂ ³⁰³ ₃₀₄ ³⁰⁵ ₃₀₆ ³⁰⁷ ₃₀₈ ³⁰⁹ ₃₁₀ ³¹¹ ₃₁₂ ³¹³ ₃₁₄ ³¹⁵ ₃₁₆ ³¹⁷ ₃₁₈ ³¹⁹ ₃₂₀ ³²¹ ₃₂₂ ³²³ ₃₂₄ ³²⁵ ₃₂₆ ³²⁷ ₃₂₈ ³²⁹ ₃₃₀ ³³¹ ₃₃₂ ³³³ ₃₃₄ ³³⁵ ₃₃₆ ³³⁷ ₃₃₈ ³³⁹ ₃₄₀ ³⁴¹ ₃₄₂ ³⁴³ ₃₄₄ ³⁴⁵ ₃₄₆ ³⁴⁷ ₃₄₈ ³⁴⁹ ₃₅₀ ³⁵¹ ₃₅₂ ³⁵³ ₃₅₄ ³⁵⁵ ₃₅₆ ³⁵⁷ ₃₅₈ ³⁵⁹ ₃₆₀ ³⁶¹ ₃₆₂ ³⁶³ ₃₆₄ ³⁶⁵ ₃₆₆ ³⁶⁷ ₃₆₈ ³⁶⁹ ₃₇₀ ³⁷¹ ₃₇₂ ³⁷³ ₃₇₄ ³⁷⁵ ₃₇₆ ³⁷⁷ ₃₇₈ ³⁷⁹ ₃₈₀ ³⁸¹ ₃₈₂ ³⁸³ ₃₈₄ ³⁸⁵ ₃₈₆ ³⁸⁷ ₃₈₈ ³⁸⁹ ₃₉₀ ³⁹¹ ₃₉₂ ³⁹³ ₃₉₄ ³⁹⁵ ₃₉₆ ³⁹⁷ ₃₉₈ ³⁹⁹ ₃₉₉ ⁴⁰⁰ ₄₀₀ ⁴⁰¹ ₄₀₁ ⁴⁰² ₄₀₂ ⁴⁰³ ₄₀₃ ⁴⁰⁴ ₄₀₄ ⁴⁰⁵ ₄₀₅ ⁴⁰⁶ ₄₀₆ ⁴⁰⁷ ₄₀₇ ⁴⁰⁸ ₄₀₈ ⁴⁰⁹ ₄₀₉ ⁴¹⁰ ₄₁₀ ⁴¹¹ ₄₁₁ ⁴¹² ₄₁₂ ⁴¹³ ₄₁₃ ⁴¹⁴ ₄₁₄ ⁴¹⁵ ₄₁₅ ⁴¹⁶ ₄₁₆ ⁴¹⁷ ₄₁₇ ⁴¹⁸ ₄₁₈ ⁴¹⁹ ₄₁₉ ⁴²⁰ ₄₂₀ ⁴²¹ ₄₂₁ ⁴²² ₄₂₂ ⁴²³ ₄₂₃ ⁴²⁴ ₄₂₄ ⁴²⁵ ₄₂₅ ⁴²⁶ ₄₂₆ ⁴²⁷ ₄₂₇ ⁴²⁸ ₄₂₈ ⁴²⁹ ₄₂₉ ⁴³⁰ ₄₃₀ ⁴³¹ ₄₃₁ ⁴³² ₄₃₂ ⁴³³ ₄₃₃ ⁴³⁴ ₄₃₄ ⁴³⁵ ₄₃₅ ⁴³⁶ ₄₃₆ ⁴³⁷ ₄₃₇ ⁴³⁸ ₄₃₈ ⁴³⁹ ₄₃₉ ⁴⁴⁰ ₄₄₀ ⁴⁴¹ ₄₄₁ ⁴⁴² ₄₄₂ ⁴⁴³ ₄₄₃ ⁴⁴⁴ ₄₄₄ ⁴⁴⁵ ₄₄₅ ⁴⁴⁶ ₄₄₆ ⁴⁴⁷ ₄₄₇ ⁴⁴⁸ ₄₄₈ ⁴⁴⁹ ₄₄₉ ⁴⁵⁰ ₄₅₀ ⁴⁵¹ ₄₅₁ ⁴⁵² ₄₅₂ ⁴⁵³ ₄₅₃ ⁴⁵⁴ ₄₅₄ ⁴⁵⁵ ₄₅₅ ⁴⁵⁶ ₄₅₆ ⁴⁵⁷ ₄₅₇ ⁴⁵⁸ ₄₅₈ ⁴⁵⁹ ₄₅₉ ⁴⁶⁰ ₄₆₀ ⁴⁶¹ ₄₆₁ ⁴⁶² ₄₆₂ ⁴⁶³ ₄₆₃ ⁴⁶⁴ ₄₆₄ ⁴⁶⁵ ₄₆₅ ⁴⁶⁶ ₄₆₆ ⁴⁶⁷ ₄₆₇ ⁴⁶⁸ ₄₆₈ ⁴⁶⁹ ₄₆₉ ⁴⁷⁰ ₄₇₀ ⁴⁷¹ ₄₇₁ ⁴⁷² ₄₇₂ ⁴⁷³ ₄₇₃ ⁴⁷⁴ ₄₇₄ ⁴⁷⁵ ₄₇₅ ⁴⁷⁶ ₄₇₆ ⁴⁷⁷ ₄₇₇ ⁴⁷⁸ ₄₇₈ ⁴⁷⁹ ₄₇₉ ⁴⁸⁰ ₄₈₀ ⁴⁸¹ ₄₈₁ ⁴⁸² ₄₈₂ ⁴⁸³ ₄₈₃ ⁴⁸⁴ ₄₈₄ ⁴⁸⁵ ₄₈₅ ⁴⁸⁶ ₄₈₆ ⁴⁸⁷ ₄₈₇ ⁴⁸⁸ ₄₈₈ ⁴⁸⁹ ₄₈₉ ⁴⁹⁰ ₄₉₀ ⁴⁹¹ ₄₉₁ ⁴⁹² ₄₉₂ ⁴⁹³ ₄₉₃ ⁴⁹⁴ ₄₉₄ ⁴⁹⁵ ₄₉₅ ⁴⁹⁶ ₄₉₆ ⁴⁹⁷ ₄₉₇ ⁴⁹⁸ ₄₉₈ ⁴⁹⁹ ₄₉₉ ⁵⁰⁰ ₅₀₀ ⁵⁰¹ ₅₀₁ ⁵⁰² ₅₀₂ ⁵⁰³ ₅₀₃ ⁵⁰⁴ ₅₀₄ ⁵⁰⁵ ₅₀₅ ⁵⁰⁶ ₅₀₆ ⁵⁰⁷ ₅₀₇ ⁵⁰⁸ ₅₀₈ ⁵⁰⁹ ₅₀₉ ⁵¹⁰ ₅₁₀ ⁵¹¹ ₅₁₁ ⁵¹² ₅₁₂ ⁵¹³ ₅₁₃ ⁵¹⁴ ₅₁₄ ⁵¹⁵ ₅₁₅ ⁵¹⁶ ₅₁₆ ⁵¹⁷ ₅₁₇ ⁵¹⁸ ₅₁₈ ⁵¹⁹ ₅₁₉ ⁵²⁰ ₅₂₀ ⁵²¹ ₅₂₁ ⁵²² ₅₂₂ ⁵²³ ₅₂₃ ⁵²⁴ ₅₂₄ ⁵²⁵ ₅₂₅ ⁵²⁶ ₅₂₆ ⁵²⁷ ₅₂₇ ⁵²⁸ ₅₂₈ ⁵²⁹ ₅₂₉ ⁵³⁰ ₅₃₀ ⁵³¹ ₅₃₁ ⁵³² ₅₃₂ ⁵³³ ₅₃₃ ⁵³⁴ ₅₃₄ ⁵³⁵ ₅₃₅ ⁵³⁶ ₅₃₆ ⁵³⁷ ₅₃₇ ⁵³⁸ ₅₃₈ ⁵³⁹ ₅₃₉ ⁵⁴⁰ ₅₄₀ ⁵⁴¹ ₅₄₁ ⁵⁴² ₅₄₂ ⁵⁴³ ₅₄₃ ⁵⁴⁴ ₅₄₄ ⁵⁴⁵ ₅₄₅ ⁵⁴⁶ ₅₄₆ ⁵⁴⁷ ₅₄₇ ⁵⁴⁸ ₅₄₈ ⁵⁴⁹ ₅₄₉ ⁵⁵⁰ ₅₅₀ ⁵⁵¹ ₅₅₁ ⁵⁵² ₅₅₂ ⁵⁵³ ₅₅₃ ⁵⁵⁴ ₅₅₄ ⁵⁵⁵ ₅₅₅ ⁵⁵⁶ ₅₅₆ ⁵⁵⁷ ₅₅₇ ⁵⁵⁸ ₅₅₈ ⁵⁵⁹ ₅₅₉ ⁵⁶⁰ ₅₆₀ ⁵⁶¹ ₅₆₁ ⁵⁶² ₅₆₂ ⁵⁶³ ₅₆₃ ⁵⁶⁴ ₅₆₄ ⁵⁶⁵ ₅₆₅ ⁵⁶⁶ ₅₆₆ ⁵⁶⁷ ₅₆₇ ⁵⁶⁸ ₅₆₈ ⁵⁶⁹ ₅₆₉ ⁵⁷⁰ ₅₇₀ ⁵⁷¹ ₅₇₁ ⁵⁷² ₅₇₂ ⁵⁷³ ₅₇₃ ⁵⁷⁴ ₅₇₄ ⁵⁷⁵ ₅₇₅ ⁵⁷⁶ ₅₇₆ ⁵⁷⁷ ₅₇₇ ⁵⁷⁸ ₅₇₈ ⁵⁷⁹ ₅₇₉ ⁵⁸⁰ ₅₈₀ ⁵⁸¹ ₅₈₁ ⁵⁸² ₅₈₂ ⁵⁸³ ₅₈₃ ⁵⁸⁴ ₅₈₄ ⁵⁸⁵ ₅₈₅ ⁵⁸⁶ ₅₈₆ ⁵⁸⁷ ₅₈₇ ⁵⁸⁸ ₅₈₈ ⁵⁸⁹ ₅₈₉ ⁵⁹⁰ ₅₉₀ ⁵⁹¹ ₅₉₁ ⁵⁹² ₅₉₂ ⁵⁹³ ₅₉₃ ⁵⁹⁴ ₅₉₄ ⁵⁹⁵ ₅₉₅ ⁵⁹⁶ ₅₉₆ ⁵⁹⁷ ₅₉₇ ⁵⁹⁸ <

To south end of Shrub Mt., Va., Massanutten,
Shenandoah C.I. with Dr. Bruno Klinger,
April 16, 1939.



see letter of March 29, 1939 from
Dr. William R. Maxon, Curator,
Division of Plants, U.S. Nat. Museum,
relative to Plants of mine 2672 - 4380.
Grasses are ident. by J. R. Smallen & Miss T. C.
Reinhardt. Compositae by Dr. S. F. Blake;
sedges & rushes by Dr. T. J. Hermann,
Cladonia by Prof. A. W. Evans, of
Mosses by Dr. Maxon,
Mycelium by Dr. Leonard.
Remainder by Dr. Leonard.

Mt. Traveller, Magee, The Fowler
Ponds = T 5 R 9

Mt. = T 3 R 9

Lake Mataganon at camp = T 6 R 8,

Patten = T 4 Range 6

Horse Mt = T 6 R 8,

April 11, 1939 To - I checked in
In event of death turn this
book over to Mr. E. C. Leonard
of the U.S. National Herbarium.
H.A. Allard

April 30, 1939. To with D. (Ball Run Mt.)
High Point cliff (train at 5 P.M.).
May 7, 1939. To Three Top mt., Va
Massanutten Range, N.W. of
Woodstock, Va. with T. clear, br. dry
May 10, 1939. To ledges on ridge west
of Big Schloss - Devil's Hole mt.,
ridge, in Hardy Co., West Va.
Clear, bright, cool day. (with Bruno
Klinger.)

May 14, 1939. To Pond mt. with T. cool, cloudy.

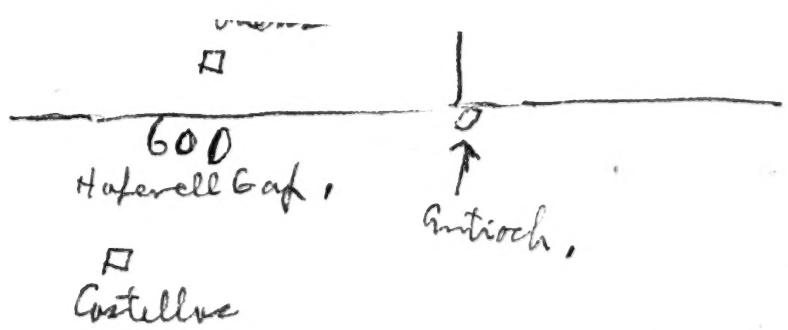
May 21, 1939 To area N. of Belle and toward
Landmark with T. cooling much of area.
Hills here (wooded) 1000 ft.

May 24, 1939 To great rock slides on
Three Top mt., Massanutten, at east
end of Pugue Run, stopping at farm
of Mr. Brunner here, walking to Sager's
place (dilapidated) theme of the slides
to top of ridge.

B-2-B-1

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To son
Shen
April



see letter of March 29, 1939 from
Dr. William R. Maxon, Curator,
Division of Plants, U. S. Nat. Museum,
relative to plants of mine 2672 - 4380.
Grasses rec. ident. by Dr. Smallen & Miss T. C.
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Mt. Traveller, Magee, The Fowler
Ponds = T 5 R 9

Mt. = T 3 R 9

Lake Mataganon at camp = T 6 R 8,

Patten = T 4 Range 6

Horse Mt = T 6 R 8,

7

April 16, 1939, To Smith end of Shanks Rd.,
Massamitter, Shenandoah Co., with
Bruno Klinger. Alt. 2700 ft.
April 23, 1939. To Devil's Hole mt. ridge
in Alleghenies west of Edinburgh, with
Bruno Klinger, following ridge N.
to Big Schloss, a rocky pinnacle
3000 ft.

April 30, 1939. To west slope below
High Point cliff, with D. (Ball Run mt.)
(min at 5 P.M.).
May 7, 1939. To Three Top mt., Va
Range, N.W. of
Massamitter, Woodstock, Va., with T. clear, but,
May 10, 1939. To ledges on ridge north
west of Big Schloss - Devil's Hole mt.,
ridge, in Hardy Co., west Va.
Clear, bright, cool day. (with Bruno
Klinger.)

May 14, 1939. To Pond mt. with T. cool, cloudy.

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Landmarks with T., cooling much of area.
Hills here (wooded) 1000 ft.

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Three Top mt., Massamitter, at east
end of Pugh's Run, stopping at farm
of Mr. Brunner here, walking to Sager's
place (dilapidated) whence of the slides
to top of ridge.

B-2-B-1

Manufactured by
U. S. Government Printing Office

To s
Shen
April

May 28, 1939. To Hagerell Gap and High Point with T.

May 30, 1939. To Hagerell Gap and area from High Knob to Landmark with T.

May 21, 1939. To Hagerell Gap and area west of High Knob to Landmark, with T.

June 2, 1939. To Rattlesnake Mt. ^{4,13} Tazewell Co. (alt. 2100 ft) with Gurney. Lost our bearings in fog and heavy rains all the afternoon.

June 4, 1939. To Bull Run Mt. Va., covering west slope, 5 miles south of Aldie with D. Cook. Beautiful, cloudy much of time. Found *Aquilegia canadensis* with seed capsules on Catotchin schist cliffs west of ridges; may be first record for the area; not elsewhere. Have never found *Lolium* nor *Holcus* in the Bull Run area proper.

June 22, 1939. To Sugar Knob region Hardy Co., west Va., with A. B. Gurney

June 25, 1939. To Sugar Knob with Mr. & Mrs. Bruno Klinger, - 5 miles from Trout Run to Sugar Knob shelter. A walk of 11 miles taken.

See *Sphenopholis filiformis* (Chesney) Scribn.

New to Va.
From N.C. south) #6650.

More. Arlington Farm, Va
In damp soil covering Arlington Co.
Sulfur rock in coal. January 31, 1939
green house - 50-55° H. G. Allard.

6104

" Mouses very abundant on soils in flower pots in this greenhouse.

6105 Mass

" in flower pots with #6104

6106 Mass

" in moist soil in pots
in same greenhouse with #6104
surface soil beautifully green with mosses

6107 Mass

" in flower pots in moist
soil same house with
#6104. The most blushing red,
beautiful and abundant species.

6108

Mass

" in flower pots same
house with #6104

6109 Mass

" in flower pots same
house with #6104

6110 Mass

" in moist soil in flower pots
in same house with #6104.

To Bull Run Mt., Va
 Sh Tanguer Co
 ap Field 5, 1939
 6111 ad boulders below H. A. Allard,
 " on west slope.)
 6112 Rock lichens (several) ditto
 " with # 6111
 6113 Rock lichens (several) ditto
 " with # 6111
 6114 Rock lichens (several) ditto
 " with # 6111
 6115 Rock lichens (two) ditto
 " one thick, brown, hardment-like
 " one thicker, gray, like Gyrophora
 size of dime or smaller. On damp, vertical
 rock faces with # 6111
 6116 Bark lichens ditto
 " (one yellow)
 On cedar etc in fields and woods
 west slope below High Point just S. of Hoppers Gap.
 6117 a moss confiting with a lichen (Parmelia) gray, and being
 overgrown by the lichen. On a rock below High Point, west slope.
 = Hepatic Frullania graygrayana Mont
 6117 a = Parmelia arulenta trich.

Cladonia (red apothecia)
 on face of Andropogon
 scaberrime stems etc
 in old field near
 Bull Run Mt., Va
 Fangmier Co
 Feb. 5, 1939
 H.G. Allard.

6118 *Pinus strobus*, forma *globosa*
 red slope, below High Point.
 ditto.

= *C. cristatella* f. *vestita* Tuck.
 6118a = *C. tenuirostris* (Del.) Vain

6119 *Pinus rigida* var. *globosa*
 13) Firm tree in old field s. of
 Hagerell Caf, above - see # 5688. etc.
 ditto.
 see *Abies* etc.

6120 *Pinus echinata*
 17) The fine isolated pine in old
 field s. of Hagerell Caf - near # 6119.
 ditto.
 microscopical exam. of certain shrubs
 it to be this also - ie bundles touching;
 oil glands 4-5

6121 *Moss*
 11) *Polytrichum*
 On bank - in pine thicket
 in ravine just east of *Pinus globosa*
 Hagerell Caf, above High Point slope begins
 ditto.

6122 red slope below High Point. Large dead
 cult. forms of cherry here
 11) *Mosses* 3 species
 On decayed log in woods near
 slope below High Point
 ditto.

6123 *Moss*
 11) On bark of one of big Cedar
 trees just N of ravine made by
 spring break from below Riley's
 old cabin, s. of Hagerell Caf.
 (where yellow violets grow)

6124 *Moss*
 V) On large red cedar tree
 on bark 6-8 ft from ground
 with # 6123 - or nearby trees
 in same field.

Moss.
On bark of very large, old red cedar tree in old field just N. of ravine where H.A. Allard, piles & shrubs. H.A. Allard, 11/ blooms down (yellow violets here). Many old cedar trees here.)

6126 Moss on bark of tree
" in woods just below High Point, ^{ditto} _{near Doffle}

6127 Moss ^{large} on flat rocks in same woods near # 6126 ^{ditto}
" in fine colony over much of rock.
(Soil more organic one)

6128 Moss.
" On bark of log below High Point near # 6126 ^{ditto}

6129 Moss.
" On tree trunk near # 6126 ^{ditto}

6130 Moss.
" On tree bark & rock near # 6126 ^{ditto}

6131 Mosses
" On red soil of ravine bank ^{ditto}
red slope below High Point with # 6121. Ravine just on edge of High Point woods S. of ^{ngusta} *Pinus globosa* field.

Bull Run Mt., Va
Feb. 5, 1939
Fauquier Co
6132 Moss Polytrichum
on moist soil of ravine bank with H.A. Allard,
" # 6121. Pure colonies.

6133 Moss ^{ditto}
" on rocks forming pure colony in woods red slope below High Point.
Dark green, dense.
(Soil more organic matter)

6134 Moss ^{ditto}
" in pure colony on large red boulders in woods near # 6133.
(Soil black brown, fine, no grit when cleaned)

6135 Moss.
" On large rock, forming mate in brownish fine organic soil. ^{ditto}
No grit when cleaned.
Near # 6133

6136 Mosses ^{ditto}
" In pure, extensive colonies on large boulders just S. of High Point, red slope in woods. Tend here in competition - one like a Polytrichum - dark green,

6137 Hepatic ^{ditto}
On black rocks on organic soil at High Point, at foot of cliffs red slope. Tierra extensive pure colonies here

6138 Moss - dark green. ^{ditto}
On bark of big cedar tree near # 6125 - some field.

Mass. On bank of old cedar tree near # 6125.

6139 On north side - 6-8 ft. tall, allard.
" ft. above ground - in large tree colonies. No lichens on these trees.

6140 Mass.
" On moist soil, bank of ravine below High Point, west slope and south of field where *Pinus rigida* globosa occurs: beginning of woodland. ditto

6141 Mass.
" A fine colony on rocks in woods west slope, below High Point: deep green. on organic soil. ditto

6142 Mass.
" an extensive fine colony (fern like) on rocks near # 6141. ditto

6143 Mass.
" On soil in woods west slope below High Point. ditto

6144 Mass.
" Lichen (Peltigera) giving over mass on soil in woods west slope below High Point. Mass etc = ditto

6145 Fumicaria lichen
" Small - 1 in high. on vertical cliff walls at High Point: only occasional in Bull Run area coll. Dittor Feb 12, 1939

Bull Run Mt., Va
Farnsworth Co.,
Feb. 12, 1939

6146 *Parmelia* - the yellow-green species common everywhere in trees and rocks - H. A. Allard
 " covering entire rocks sometimes and competing with the lead grey one make long wavy similar form etc. circular on rocks in woods below High Point, area. nest slope.

6147 *Parmelia* ?
 " small about size 5 centimes. on north side of large living chestnut tree at foot of High Point cliff nest slope. grayish green, circular areas nearly brittle; very abietine.

6148 *Botrya* of several rock lichenes Firm High Point cliff and ditto boulders in vicinity on lower nest. slopes

6149 *Cladonia mitrula* f. *imbricatula* (Wib.) Vain.
 Red apothecia - some medietia Red apothecia - some medietia very squamulose. Firm bare soil in forest barrens in old field south of *Pinus strobus* var. *glovosa*

6150 *Cladonia* *grevillea* var. *glovosa*
 Mass growing in fine colonies on low rocks barely protruding from soil in woods below High Point - fern-like strands spreading outward yellowish green.

6151 *Cladonia squamosa* (Scop.) Hoffm.
 " on organic soil in woods at High Point, nest slope.

6152 are Mass
 " *Cladonia* *C. chlorophaea* (Thüne) ditto
 " in organic soil at High Point cliffs, nest slope

6152 A = *Trullaria asagrayana* Mori
 6152 B = *C. coniocraea* f. *ceratodes* (Thüne) Vain.

Lichen
on north side of large
Chestnut oak tree trunk

6153 (Lining) at foot
" High Point cliffs;
" small, size of 5 cent piece or cent.
Same as # 6147

Physcia adglutinata (L.) Loeske Nyl.

6154 *Cladonia* (2) *C. verticalata* f. *erectula* (Th. Fr.) Stein
" One with red apothecia, ditto
One *C. verticalata*, with apothecia very squamulose
discs. Same on forest floor area. on edges of
6154a: (2) with # 6149, forest floor area. on edges of
Cladonia (2) *C. cristatella* f. *recta* Threlk. with discolored
apothecia, and " on ~~dead~~ ~~deciduous~~ wood up
Gelena old tree trunk near slope below High Point.
below High Point, small, thin, dark slate color.
6156 *Cladonia* *C. baillaris* (Lich.) Nyl.
" white, pointed apothecia.
On vertical cliff face at
High Point cliffs. Can scarcely be
scratched off so tightly does it grow to the
rock.

6157 Moss
" on dead log in woods, west slope
below High Point. ditto

6158 Moss
" on bank near # 6157, woods. ditto

6159 Moss
" on dead wood near # 6157 ditto

Bull Run Mt., Va
Feb. 12, 1939
H.G. Allard
Tianquiner Co.

6160 at foot of High Point H.G. Allard
" cliffs, covered it with fine growth,
especially in the grooves and 8-10 ft w.

6161 Hepatic with
lichen, on rocks at High Point cliffs, ditto
west slope.
Timmernia asa-grayana Mont.

6162 Moss
" on soil on rocks at High Point cliffs, ditto
west slope.
(a very fine mass): fine leafage.

6163 Moss
" on dead log, west slope in woods ditto
below High Point

6164 Moss
" on dead wood, woods, west slope ditto
below High Point cliffs.

6165 Moss
" on dead log near # 6164 ditto

6166 Moss
" on dead log near # 6164 ditto

Mass

6167 On dead log in woods
below High Point cliffs
west slope.

Bull Run Mt., Va
Feb. 12, 1939
H.G. Allard
Fauquier Co.

6168 Moss in fine colonies, extensive
" in large fallen red oak tree, dead
at old house in forest zone at foot
of slope (west) below High Point cliffs.

6169 *Cladonia* = *C. tenuis* (Florke) Harm.
(reindeer moss)
" in patches on soil in thin open
woods, E of old manse at foot
of west slope below High Point cliffs.

6170 Moss

" in *Castilleja* pasture at
Stone crumb, west slope, Hagerell Gap.
abundant in this stage of pasture
(bright, shining yellow green.)

6171 Moss

" on bark in woods, west slope
below High Point cliffs ditto
very fine, blushing, yellowish green. rufous.
- on organic soil.

6172 Moss

" on bark of dead log in woods
west slope, below High Point cliffs ditto

6173 Moss

" on dead wood in woods
below High Point, west slope. ditto

Peddelish licorice Bull Run Mt., Va
+ moss at High Point Feb. 12, 1939
cliffs on rocks H.G. Allard
Fauquier Co.

6174 Licorice on
cliffs and tree-trunks.
" *F. pulmonaria* as a grayana (Mon).
6174a = *Jamesoniella autumnalis* (D.C.) Steph.

6175 Moss

" on dead wood, west slope in
woods, below High Point cliffs. ditto

6176 Moss

" on dead wood near 6175. ditto

6177 Moss

" on organic soil on rocks near 6175 ditto

6178 Moss

" on dead log in woods near 6175 ditto
(color brownish yellowish)

6179 Moss

" on dead wood near 6175 ditto

6180 " Moss

" on soil (thin, organic) on rocks
in woods below High Point cliffs, ditto
west slope.

Moss on trunk
north side, of huge
6181 Chestnut Oak tree
at High Point Cliffs,
" with # 6160

Bull Run Mt., Va
Feb. 12, 1939
Fauquier Co.,
H.A. Allard

(Entire north side covered with these two)

6182 Moss
" on bank in woods
below High Point Cliffs, north slope ditto

6183 Moss
" on thin organic soil on
rocks in woods near # 6182 ditto

6184 Moss
" on bank, north side of same
chestnut oak tree with # 6160 & 6181 ditto.
a pine colony here far up trunk.

6185 Moss
" on dead wood in woods north slope ditto
below High Point Cliffs: color brownish.

6186 Moss
" on rock in pine stand, ditto
near # 6185

6187 Moss
" on rock in woods north slope ditto
below High Point Cliffs.
(pine colony on thin organic soil)
Convolutpholium concinnum (L.) Dum.

" moss
on bank in woods
below High Point Cliffs,
6188 north slope.
" ditto

Bull Run Mt., Va
Feb. 12, 1939
H.A. Allard
Fauquier Co.

6189 Moss
On dead log in woods near ditto
" # 6188

6190 Moss
" on dead log near # 6189 ditto

6191 Moss
" on rock on organic soil ditto
" in woods near # 6189.
lifts off a thin soil layer.

6192 Moss
" a pine colony covering rock ditto
just above soil in woods near # 6191

6193 Moss
On low rock in woods ditto
near # 6191 - pine mat.
in very thin organic soil.
(fern-like)

6194 Moss
" on thin organic soil on rock ditto
in woods near # 6191
(mat, pine)

Masses
 On rocks on thin
 organic soil in mode
 6195 nest slope, Belmont High
 Point Cliffs.
 " C. p.

Bull Run Mt. Va
 Tangier Co
 Feb. 12, 1939
 H.A. Allard

Cladonia = *squamulosa* Robbins Bull Run Mt. Va
 C. *midmontensis* f. *squamulosa* Robbins Tieb. 18, 1939
 with # 6196 Tangier Co.
 H.A. Allard
 Feb. 19,

6196 *Cladonia midmontensis* f. *squamulosa* Robbins
 (aethelia brown) same locality
 " in old brownedge field Date Feb. 18, 1939
 nest slope Belmont High Point Cliffs
 in thin woods near dense young pine
 6196a = *C. subcariosa* f. *squamulosa* Robbins

6197 *Cladonia subcariosa* f. *erolita* Wain.
 " with # 6196 (more branched than usual) ditto
 6197a = *C. cristatella* Th. (aethelia discolored),

6198 *Cladonia midmontensis* f. *squamulosa* Robbins
 " (with # 6196) ditto
 6198a = *C. grayi* Mer. plus *C. midmontensis* Mer. with H. and
 in mixture.

6199 *Cladonia midmontensis* f. *squamulosa* Robbins
 " (with # 6196) ditto
 6199a = *C. subcariosa* f. *erolita* Wain.

6200 *Cladonia verticillata* f. *erolita* (Th., f. 3, Stein) ditto
 " at base of old brownedge
 clumps near # 6196 - on soil

6201 *Cladonia cristatella* f. *beansii* (Mer.) Wain ditto
 " (aethelia red) plus f. *restita* (Mer.) Wain
 with # 6196

6202 " ditto

6203 *Cladonia* (cups) *grayi* f. *simplex* Robbins ditto
 " with # 6196

6204 *Cladonia* (red aethelia) *midmontensis* Mer. (in part, but not) ditto
 " on dead basal stalks of *Cladonia* distinctive,
 dead brownedge clumps in old
 brownedge field being captured by
 pine sap in semiaquatic stage.

6205 *Cladonia cristatella* f. *restita* Th.
 " aethelia red, very squamulose ditto
 some field with # 6196

6206 Rock lichens
 " social
 on rocks at old Belmont High Point ditto
 cliffs, nest slope.

6207 Lichen
 " on bark of living large
 dead red oak tree, at base, at ditto
 foot of High Point Cliffs, nest slope.
 (grape).

6208 Bunch of rocks and bark
 " lichens from and below ditto
 High Point Cliffs, nest slope
 in woods.

Rock Lichens sum
mhs ~~at~~ ^{at} on rocks
6209 on slope, Talm
" High Point Cliffs.

Bull Run Mt. Va
Feb. 19, 1939
H.A. Allard
Fauquier Co.
west slope below
High Point cliffs.

Moss.
On soil in woods, west slope
below High Point cliffs. Bull Run Mt. Va
Fauquier Co.,
Feb. 19, 1939
H.A. Allard.

6210 *Peltigera*
" on rocks west slope in wet
rocky, shallow ravine below
High Point cliffs, two small cabbage grass:
Compositae and grass over mosses and as
in turn overgrown by them.

6211 Moss
" on dead wood above # 6210,
in deciduous woods.
(orange colored)

6212 Moss on soil (banks) in woods
" near # 6211 ditto

6213 Hepatic (reddish brown color), more ditto
" *Frullania* gray-green
(on damp rocks at foot of High Point
cliffs in woods, competing with big gray lichens
) abundant

6214 Moss
" Dark green, in fine colonies in
extensive patches on large bluish rocks ditto
in woods, west slope, near High Point cliffs
Abundant; on black organic soil: easily lifted.

6215 *Grimmia*
" On same rock with # 6214- ditto
in fine, extensive colonies, easily lifted.
(dry looking)

6217 " moss ditto
" on damp soil in rocky, shallow ravine
with # 6210

6218 Moss ditto
" on damp soil near # 6217

6219 Moss ditto
" on damp rocks in ravine
with # 6217

6220 Moss ditto
" on damp soil with # 6217
fine colonies.

6221 Moss ditto
" on rocks with # 6217.
fine colonies.

6222 Moss ditto
" on rocky with # 6217: in
extensive colonies.

Moss
On rocks in damp, rocky Bull Run Mt., Va
ravine below High Point Cliffs Feb. 19, 1939
near tree stumps cabbage ^{H.A. Allard}
6223 Pure colonies - ^{June} Tanguier Cr
" Bright green.

6224 Moss

" On soil in pine woods with # 6223; secondary growth 20-25 ft high.
ditto

6225 Cladonia (reindeer mosses)

" In some pine woods with # 6224; extensive patches here.
ditto

6226 Moss

" On soil in woods, next slope near # 6223
ditto

6227 Moss

" On rocks, in pure colonies near # 6223 (some ravine)
ditto

6228 Moss

" yellowish green in large mats on rocks near # 6223.
thin organic soil beneath.
ditto

6229 Moss.

" Large mats easily lifted from rocks ditto
near # 6223.

Moss.
Bull Run Mt., Va
Feb. 19, 1939
H.A. Allard
6230 in some ravine
with # 6223.
" beautiful yellowish green color; vivid.
ditto

6231 Mosses

" One on dead log =
" one on rock =
Near # 6230

6232 Moss

" Col. colors of vigorous *Peltigera* (lichen) growing over it: a struggle for supremacy.
6232a = *Anomodon prostratus* (Hedw.) Schimp.
plus " *alternatus* (Hedw.) Huebener.
ditto

6233 Moss

" (Bronze colored) on dead wood near # 6230; covering large patches.
ditto

6234 Hepatic.

" Bright green; on rocks, foot of High Point Cliffs; extensive patches.
ditto

6235 Moss.

" Large mats more on damp rocks with # 6230; fern like, appressed.
yellowish green.
ditto

6236 Moss

" on rocks near # 6230 being overgrown by *Peltigera* (lichen).
Both in thin, organic soil.
ditto

Moss on rocks
in rocky, damp, ravine Bull Run Mt., Va
west slope, below High Point Feb. 19, 1939

6237 Cliffs, stone shank cottage H.A. Allard
" grass Tangier Co.
Large areas vivid silvery, shining green.
moss.

6238 Moss
" In fringe, loose mats on rocks ditto
near # 6237; color dull yellowish green; fern-like.

6239 Lichen
" Dark slate, hamment-like, thin ditto
on rocks near # 6237; with moss
(Lichen occasional) must be scraped off rocks.

6240 Moss
" Extensive mats similar to # 6238
on rocks # 6238. ditto

6241 Moss
" On low, weathering rocks in broad gauge
above meadow: Had to be scraped off with
knife, i.e. adheres tightly to stones;
yellowish green color ditto

6242 Lichen
" Peltigera. on rocks with
6237 (nearby) ditto

6243 Peltigera
" Overgrowing moss colony # 6238 ditto
and being vigorously overgrown by it
On rocks near # 6238.
= *Thuidium recognitum* (Hedw.) Lindb.

Bull Run Mt., Va
Frangmer Co.
Feb. 19, 1939

6244 " ditto
" moss on rocks in extensive
mats near # 6237

6245 Moss
" (fern-like)
On rocks in ravine and near # 6237 ditto

6246 " moss
" on moist soil on bank
near # 6237 ditto

6247 " moss
" on bark of living tree at ditto
base, north side in woods
near # 6237. below High Point cliffs.

6248 Lichen
" on dead bark of large date 14 March 3, 1939
Tulip poplar tree near galled area
west slope, below High Point cliffs; small
like small olive green Parmelia.

6249 Bot of rock lichens
" Firm old field near galled (bare) ditto
area, west slope below High Point cliffs.
on rocks picked up in Saxifrage thickets.

6250 Do same place near # 6249
" (Rock lichens) ditto

Dark lichens
red slope lichen
6251 on stone ledges High Point Cliffs
" in sassafras thickets. red slope
Bull Run Mt., Va
March 5, 1939
H. Allard
Tangier Co.,
from High Point

6252 *Cladonia verticillata* f. *grayana*
in old field near bare areas ditto
" red slope, lichen High Point cliffs.
between browned edge clumps which are
thinly shaded here - along stems grouped
Cladonia.

6253 *Cladonia* (aberrata Brown)
" with # 6252 ditto
" *C. subcariosa* f. *squamulosa* Robbins
6253a: *C. mitrula* f. *indicatula* (Nyl.) Rain
6254 *Cladonia* (aberrata Brown)
" with # 6252 ditto
" *C. subcariosa* f. *erolata* Rain

6255 *Cladonia* (aberrata Brown)
" with # 6252 ditto
" *C. verticillata* f. *erolata* (Th. Fr.) Stein
+ f. *phylllocephala* (Flot.) Oliv. + *C. subcariosa*
squamulosa Robbins

6256 *Cladonia* *verticillata* f. *grayana*
" with # 6252 ditto

6257 *Cladonia* (aberrata Brown)
" (with # 6252) ditto

6255a. *Cladonia subcariosa* f. *erolata* Rain
" " "
6255b. " "
6256 = " *verticillata* f. *erolata* (Th. Fr.) Stein
6256a = " *subcariosa* f. *squamulosa* Robbins " ^{in her}
6257 = " "
6258 = " "
6258a = " "
6260a. *C. cristatella* f. *beansii* (Deb.) Rain
6261 = " "
6261a = " *grayi* f. *simplex* Robbins ^{Grayanic}
and = +
P = -

Rock L. I.
west.

6251

" in

6252

" in

bet
thin
cl

6253

"

" C.

6253a:

6254

"

" C..

6255

"

C.

+ f. N

6256

"

6257

"

Cladonia
(*Lafatheria* imm.)
6258 with N 6252
" 1

Bull Run Mt. Va
March 5, 1939
H. G. Allard
Tangier Co.,

6259 *Cladonia verticillata* *varia* *esolata* (H. F. S.) ditto
" with # 6252

6260 *cladonia grayi* f. *simplex* Robbins ditto
" (*cups*) $\frac{1}{2}$ grayanic acid + $\frac{P_2O_5}{2}$
with # 6252

6261 *Cladonia*
" with # 6252

6262 *Cladonia mediterranea* Mer. ditto
" with # 6252

6263 *Cladonia subcariosa* f. *quamulosa* ditto
" with # 6252
and f. *esolata* main Robbins

6264 *cladonia grayi* f. *simplex* Robbins ditto
" with # 6252. grayanic acid = +
 P_2O_5 -

Moss on low stones
in woods wet slope below
High Point: yellowish green
long, slender fronds closely
adhering to stones.
6265 " Bull Run Mt., Va
March 5, 1939
Tangier Co
west slope woods
below High Point cliff
H.A. Allard

6266 Moss (golden yellow)
in old pine tree of forest
" mosses to core in beneath needs ditto
ditto

6267 Dark yellowish green moss on
rocks etc - closely adhering
" near # 6265 ditto

6268 Moss
" on thin organic soil on rocks in woods
in low, wet, rocky ravine below High Point
cliffs, west slope, where red bud shrubs grow. ditto

6269 Moss
" on rock near # 6268 ditto

6270 Moss
" on rock - very loose - (flat)
in woods near # 6268. ditto

6271 Moss
" on soil on moist bank
near # 6268 ditto
Golden bronze color; beautiful.

Bull Run Mt., Va
Tangier Co
March 5, 1939
rainy wet slope below High Point cliff
where red bud grows.

6272 Moss
on thin organic soil
on rock in wet
rainy wet slope below High Point cliff
H.A. Allard.
" ditto
ditto

6273 Moss
" on rock
with # 6272
on thin organic soil.
ditto

6274 Moss
" on rock near # 6273
Peltigera
with both - overgrown and being
overgrown
ditto

6275 Moss on thin soil
" on rock (loose)
Near # 6273 ditto

6276 Hepatic
" large patches on rock near
foot of High Point cliff, west slope ditto
Abundant - dull green.

6277 Lichen
" very thin, slate-colored
handment-like on rocks
near # 6276
non-abundant; local ditto

6278 Hepatic
Mosses
" on huge dead, fallen Tulip poplar
trunks just north of barren areas west
slope below High Point cliff ditto

mosses
 Hepatic
 On bark of huge dead tree, north side, (in woods)
 6279 *Tulipifera* (same one with # 6278.)
 " Bull Run Mt., Va
 Fauquier Co
 March 5, 1939
 H.A. Allard

6280 *Cladonia*
 (reindeer moss)
 " From interspaces on semi-bare place in bromedge field just N. of bare barrens: large clumps, abundant.
 ditto

6281 Moss
 " On rocks in damp ravine ditto
 " where red-bud grows. (fern-like, yellowish)
 ditto

6282 Moss
 " with # 6281
 similar or same sp.
 ditto

6283 Moss (rosette-like; large, bright green)
 " On rocks in large areas (mats easily lifted from rocks) with # 6281
 ditto

6284 Moss
 " On bark at base of dogwood (blowing)
 tree, north side, (in woods)
 just above (east) of ravine where # 6281 grows
 ditto

6285 Moss
 (thin, delicate
 (*Catherinaea* ?))
 On moist soil near # 6281
 ditto

Moss
 On rocks as mats
 in ravine with # 6281
 6286 (shining golden-green) very beautiful
 " Bull Run Mt., Va
 March 5, 1939
 Fauquier Co
 H.A. Allard.

6287 Moss
 Brilliant golden green
 " On rocks in same ravine with # 6281
 ditto

6288 Moss
 " On rock in damp ravine near # 6281
 ditto

6289 Moss
 " On rock near # 6281
 (large mats easily lifted from the thin soil; shining golden bronze color
 (very beautiful))
 ditto

6290 Moss
 " On rock in moist ravine
 " same or similar sp. # 6281
 ; fern-like, appressed, dull yellowish green
 ditto

6291 Moss
 (light, yellowish green).
 " on moist soil on bank in woods
 near # 6281 (shining in afternoon)
 ditto

6292 Mosses
 several.
 " on moist soil in damp ravine
 near # 6281
 ditto

Moss
several
On rocks below High Point
6293 cliff, west slope, in
" woods.)
Bull Run Mt., Va
Fauquier Co
March 5, 1939
H.A. Allard.

6294 Moss
" on bark of dead stump in
" woods near # 6293 ditto

6295 Moss
" fern-like = # 6281; overgrown
with *Peltigera*
In ravine below High Point cliffs,
west slope where red bud grows.) ditto

6296 Moss
" same as # 6281: on rocks
in same ravine ditto

6297 Mosses
(several intergrowing)
" on rocks in damp ravine with # 6281.) ditto

6298 Moss
" on soil on bank of brook
in ravine near # 6281 ditto

6299 Mosses
" on bark of old stump
in woods below High Point cliffs ditto

Moss
Polytrichum
6300 " on black rocks
more patches on thin
soil (organic) easily
lifted off; dark green.)
Bull Run Mt., Va
Fauquier Co
March 5, 1939
H.A. Allard
west slope below High
Point cliffs.

6301 Mosses (several)
" on large black rocks in ravine
just below High Point cliffs. ditto
Date March 19
1939

6302 Bop rock lichens
" fern rocks at and below
High Point cliffs (west slope) ditto
Date March 19
1939

6303 Bop rock lichens
" at same place with # 6302 ditto
Date March 19
1939

6304 Bop rock lichens
" with # 6303 ditto
Date March 19
1939

6305 Lichen (white) on dead bank
" on old limb on High Point cliffs. ditto
Date March 19
1939

6306 Moss
" around base of tree west slope
below High Point cliffs.
Pine colonies entirely around tree. ditto
Date March 19
1939

6307 ^{North of}
red slope below High Point cliffs
in ~~shallow rocky ravine~~
Castille's old muddy
field stone stone crusher stood.
common mossy grass and weeds too.

6308 Mosses (several)
" on logs, rocks etc. red slope ditto
below High Point cliffs in woods.

6309 Mosses (several)
" near # 6308 - on banks, logs, ditto
soil, rocks etc.

6310 Hepatic
" on banks of Hickory tree ditto
" from ground of 6-7 ft. near
6308.

6311 Mosses
" on banks of tree near # 6308. ditto

6312 Moss
" on litter on banks in woods ditto
near # 6308.

6313 Moss
" on banks of tree in woods ditto
near # 6308.

Bull Run Mt., VA
Fauquier Co.
March 19, 1939
H.A. Allard.

6314 Moss
" on shallow rocky damp
ravine below High Point cliffs March 19, 1939
red slope.

6315 ^{Moss}
" on rock in woods near # 6314. ditto
" on thin blots easily lifted off.

6316 Moss
" on soil on bank near 6314. ditto

6317 Moss
" old abandoned muddy field
(Castille's) stone stone crusher was. ditto

6318 Moss
" near # 6317 (old field) among ditto
grass and weeds.

6319 Moss
" on rock in woods near # 6314 ditto

6320 ^{Moss}
" on bank and debris in ditto
woods near # 6314

Moss in old field (Castello's) Bull Run Mt., Va
stone crusher stood. Fangtier Co

6321 abandoned in weeds of March 19, 1939
" this abandoned field. H.G. Allard.

6322 Moss
" in old field beyond Riley cabin ditto
among weeds & grass.

6323 Moss
" on soil in woods in shallow ravine ditto
below High Point Cliffs, west slope.

6324 Moss
" on soil in woods near # 6323 ditto

6325 *Polytrichum*
" on thin soil on flat rocks, here ditto
in woods, west slope near High Point Cliffs

6326 Moss
" on moist banks in shallow ditto
ravine, west slope below High Point Cliffs.

6327 Moss
" on moist banks in woods near # 6326, ditto

6328 Moss
" on rocks in ravine near Fangtier Co
* 6326: moss March 19, 1939
extensive areas on thin H.G. Allard
soil; fern-like yellowish green

6329 Moss
" at base of tree trunk ditto
in woods near # 6323

6330 Moss
" on rocks in woods near ditto
* 6323

6331 Moss
" on rocks in woods near ditto
* 6323

6332 Moss
" on rocks in ravine near ditto
* 6323

6333 Moss
" on rocks in woods ditto
near # 6323

6334 Moss
" in Allard's bark yard on Lyon Park,
soil; very abundant (Clarendon, Va
C. Arlington)

Box of rock lichens:

6335

" Rock outcrop face
only waist high on
mch higher - on north
slope of knob.

Bull Run Mt., Va
Fauquier Co.
west slope, 5 miles
south of Aldie on
low outcrops dipping
about 45° E.
March 26, 1939
H. A. Allard

6336 Box of rock lichens.
" with # 6335

ditto

6337 Box of two species of lichens from
base of chestnut oak tree near # 6335 ditto
6337 *Lemanea juncea* *hypoleuca* Evans.

6338 Mosses
" on soil on bank in woods near
base of bank
dry, cut over land largely.

ditto

6339 *Polytrichum* (in fruit)
" Near # 6338 on soil on bank

ditto

6340 Mosses
" on soil in woods near # 6338

ditto

6341 Moss
" on soil in woods near # 6338, ditto

Bull Run Mt., Va
Fauquier Co.
west slope, 5 miles
south of Aldie on
low outcrops dipping
about 45° E.
March 26, 1939
H. A. Allard

Moss
fern-like (yellowish)
on ~~base~~ of big

6342 tree on bank, in woods west slope 5 mi.
" with side below (south of) Aldie
- down habitat.

Bull Run Mt., Va
March 26, 1939

Fauquier Co.

6343 Moss
" on bark at base of living dogwood
tree: a common habitat for this
moss at base of dogwood trees.

6344 Moss
" on bark of old chestnut oak
log in woods on slope near where
we parked, near # 6338 ditto

6345 Moss
" on soil in woods
near # 6338 ditto

6346 Hepatic?
" Moss
on dry soil in woods near # 6338 ditto

6347 Moss
" on bark of dead ^{fallen} chestnut oak tree
near # 6338 ditto

6348 Mosses (several)

" on soil in woods near # 6338 ditto

Mosses
on soil in dry
deciduous
woods near
H. G. Allard
6338

6349

Bull Run Mt., Va
Fauquier Co
March 26, 1939
H. G. Allard
5 miles south of Aldie
west slope.

6350 Moss
Polytrichum
on soil near # 6338.

6351 Hepatic
" Sphagnum
a red brown, abundant liverwort on
limestone ledges (Cambrian) near old
picnic grounds on north slope of
stony knob.

6352 Sphagnum
(very pale) on damp bank in
low, rocky ravine near # 6351;
abundant here

6353 Polytrichum
(moss)
on bank beside road in woods
on far west slope (near big tree at junction)

6354 Mosses
on dry soil in woods near # 6338

6355 Moss
on dry sandy soil on slope in gen.
dry deciduous woods.

ditto

ditto

ditto

ditto

ditto

Moss + gray lichen (thin)
competing

on bark at base of

large living

chestnut oak tree

" on road rising

near through woods.

covered trunk about 8 inches up; usually

common on such situations in trees.

6356

Bull Run Mt., Va
Fauquier Co
March 26, 1939
H. G. Allard
west slope 5 miles
south of Aldie.

ditto

6357

Moss
on damp soil in low woods

ditto

" near # 6356

6358 Moss

on bark of living dogwood tree

" at ground, usually on north side or

forming a collar around tree: this the

usual species on the dogwood here.

6359 Moss (two)

" damp

on soil in woods west slope.

ditto

6360 Moss

" on soil in woods near # 6359

ditto

6361 Moss

" on damp soil in low woods

ditto

6362 Moss

on bark of dead

fallen chestnut oak tree

(same as # 6344).

ditto

11 Moss
golden brown green - fern-like. Bull Run Mt., Va
on damp soil on. Tanguier Co
March 26, 1939

6363 Banks in rocky ravine. H.Q. Allard
" covers large areas here. On west slope in
woods south of Aldie
5 miles.

6364 Moss
" on damp soil in low ravine
in woods near # 6363 ditto
covers large areas here; dull yellow-green.
fern-like; common.

6365 Moss
" on soil in low damp ravine ditto
near # 6363

6366 Moss
" a peculiar, bluish, fern-like, flat-
growing species with sphagnum in
low, wet ravine on wet soil; not common

6367 Moss
" on damp soil of bank in
ravine in woods near # 6366. ditto

6368 Moss
" Polytrichum.
on soil on bank in
low woods near # 6366. ditto

6369 Moss
" on wet soil in shallow
wet ravine near # 6366. ditto

Mass
on damp soil
in low ravine near
6370 * 6366
H.Q. Allard
5 miles south of Aldie

Bull Run Mt., Va
Tanguier Co
March 26, 1939

6371 Polytrichum (moss)
" on bank in low woods. ditto, ditto
ditto

6372 Moss.
Same as # 6366
" a felted moss, grayish green. ditto

6373 Moss
" on banks in woods.
golden same as # 6363?
brown colored.

6374 Moss
" same as # 6366 and # 6372 ditto

6375 Rock lichens -
" on rock in ravine west
slope below High Point.
Bull Run Mt., Va April 2
Tanguier Co
H.Q. Allard
south of Hagerell Gap.

6376 Rock lichens
" at end below High Point cliff
west slope in woods. ditto

Bark lichens
Form rocks on High Point
cliffs and below, or
6377 west slope,
" "

Ball Run Mt., Va
Fauquier Co
April 2, 1939
H.G. Allard

6378 ^{Moss}
" on soil in secondary growth of ditto
" sassafras th in Castilleja's broom-ridge field".

6379 ^{Moss}
" with # 6378 same habitat. ditto
on soil

6380 ^{Moss}
" on soil ditto
" in same habitat with # 6379 ditto

6381 ^{Moss}
" on soil same habitat with # 6379 ditto

6382 ^{Moss}
" on soil in Riley's brook ravine ditto
at water edge. (a brilliant light green). where yellow violets
grow. below big broom-ridge field.

6383 ^{Moss}
" on soil on bank in same ravine ditto
with # 6382

in ¹¹ pass
on rocks with # 6382.
6384
" "

Bull Run Mt., Va
Fauquier Co
April 2, 1939
H.G. Allard
west slope S. of
Hagerell Gap. just
below High Point cliffs

6385 On rocks ^{Moss}
" in some ravine with # 6382. ditto
fern-like appressed fronds, bright green
hme colonies.

6386 ^{Moss}
" on rocks. west slope in ravine ditto
below High Point cliffs.

6387 ^{Mosses}
" on bank of brook & rock base ditto
huge old black walnut tree stood just
west of Hagerell - Broad Run Cabin highway.

6388 On ^{Moss}
" on rocks in ravine with ditto
brush near # 6387.

6389 ^{Moss}
" huge mat in fine colony ditto
golden bronze color in rocky shallow
ravine below High Point. Very compact
dense, frond-like (fern-like)

6390 ^{Moss}
" out of tree on bank near High Point ditto
cliffs in rocky woods here ditto
1. Fern on sassafras bark at foot see # 6358

6391 Moss
(golden brown)
covering much of
decayed fallen
log near High
Point cliffs

Bull Run Mt., Va
Fauquier Co
April 2, 1939.
In woods below High
Point cliffs, west slope

6392 Moss
on bank of brook beside Hagerell & Broad Run
highway near Banks valley grove. ditto

6393 Moss
on soil on rocks on bank
near # 6392 ditto

6394 Moss
" on bank of brook near # 6392 ditto
on soil.

6395 Moss
on soil on bank of brook near # 6392 ditto

6396 Moss
" on soil on bank of brook near # 6392 ditto

6397 Moss
" on soil bank of brook near # 6392 ditto

6398 Moss
On soil in secondary growth sassafras Tangier Co
etc in brushedge pasture (pastures) April 2, 1939
west slope H.A. Allard
High Point below
Point cliffs.

6399 Moss
" on soil in same habitat
with # 6398 ditto

6400 Moss
" on bank with # 6392 ditto

6401 ~~Neurolepidia~~
" on bank at base of tree
at edge of Riley's cabin
brook where yellow violet grows. April 9, 1939
H.A. Allard
west slope below
High Point cliffs
South of Hagerell Bay.

6402 Moss
" on bank of same brook near # 6401 ditto

6403 ~~Otalaria~~
" Otalaria virginica L
in woods west slope just below
High Point cliff. Bull Run;
abundant. (See H.A. determination) ditto

6404 ~~Aplectum~~
Aplectum lyngbyoides (Muhl.) Torr. ditto
" in some woods near # 6403.
Old seed stalks, now with green
appearing dry, withered single leaf (blasted) e

Hepatic
on bark of living
dogwood tree 6-7 ft above
6405 ground in woods below
" High Point Cliffs

Bull Run Mt., Va
Fauquier Co
April 9, 1939
H.G. Allard
near slope between
High Point Cliffs

6406 Moss
on bark of old log in Riley's brook ditto
" ravine, south of Hagerell Gap.

6407 Moss
on bark of living oak tree at base ditto
" (same as #63578). Near #6405

6408 Moss
" (fern like; on rock near #6405) ditto
"

6409 Moss
On bank in Riley's brook ravine ditto
" near #6406.

6410 Moss
Polytrichum 2
On bank near #6406 ditto

6411 Moss
with #6406 ditto

Moss
in same ravine on
soil & rocks in brook
bed with #6406
fine, clear, light green. West slope below
H.G. Allard
High Point Cliffs

6413 Moss
with #6406 fine, beautiful ditto
" clear, light green.

6414 Moss
with #6406 on soil ditto
"

6415 Moss
On old stump in ravine ditto
" near #6406.

6416 Moss
On soil in ravine on brook bank ditto
" near #6406.

6417 Moss
On soil on bank near #6406 ditto

6418 Moss
On soil near #6406. on
soil on rocks on brook above water. ditto

Moss. On soil in Riley's
break ravine
here yellow violets grow.
6419 " yellow violets grow.
" soil of Hagerell Gap,
west slope, below High
Point Cliffs.

Bull Run Mt., Va
Fauquier Co
April 9, 1939

6420 Mass
" on soil on rocks in ravine with ditto
* 6419. a beautiful golden bronze.
in huge, extensive mats on soil on rocks
on bank bed after overflow.

6421 " yes
" with # 6420 ditto

6422 Mass
same as # 6420,
" Growing with it in same locality ditto

6423 Mass
same as # 6420, 6421, 6422.
" same locality ditto

6424 Hepatic
" on rocks front of High Point Cliffs. ditto
extensive patches on damp, shaded rocks,
here.

6425 Bop rock lichens
" on rocks top of cliffs.
south end near Mt. Jackson.

Short Mt., Va
Massanutten Range
Shenandoah Co
H.A. Allard
April 16, 1939

6426 " Rock and bark lichens Short Mt. Massanutten range
From top of mountain near Mt. Jackson,
South end. Shenandoah Co
April 16, 1939
H.A. Allard.

6427 Rock & bark lichens
" with # 6426 ditto

6428 Cladonia coniocraea var. ceratodes (Florke) Wain
" patches at top near 6426. ditto

6429 Cladonia ciliolifera Wain (Form. indefinita)
" Near 6426. ditto

6430 Cladonia ciliolifera Wain (Form. indefinita)
" Near # 6426 ditto

6431 Cladonia furcata var. racemosa f. squamulifera ditto
" Near # 6426 Sandst.

6432 Cladonia furcata var. racemosa
f. squamulosa Sandst. ditto
" Near # 6426, Sandst.

Moss on cliff at top.

Short Mountain, Va
Massanutten Range,
April 16, 1939

H.G. Allard
Smithend near
Mt. Jackson
Shenandoah Co.

6433 " Moss on rocks at top of cliff. Short Mt., Va Massanutten Range, near Mt. Jackson, Shenandoah Co. April 16, 1939 H.G. Allard.

6434 Moss on cliff at top. ditto

6435 Lichen *umbilicaria austrolata*? ditto
(2) on cliffs at top.

6436 Lichen *Gyrophora vellea*? ditto
(3) Ident. by ~~Stevens~~

6437 *Cetraria islandica* (L.) Ach. ditto
(1) on shale covered with marshy *Pinus strobus*, scattered at base nest of big 2 1/2 acre colony. In the damp rainy weather very erect and pointed, fresh, greenish

6438 Tortoise lichen ditto
(3) On rocks at upper cliff. Rather small abundant here at Smith end.

6439 Moss ditto
(1) Pure bright green beneath shelf at top of cliff

6440 Moss on rocks at top of cliff. ditto

6441 Lichen (*Parmelia*) ? ditto
(2) on rocks at top.
(Beautiful silver gray.)

6442 Moss beautiful golden bronze in spring ditto
(3) Large mats on rocks above, on top of cliff.

6443 Composite of moss, lichen, Hepatic. ditto
(4) on rocks at top.

6444 Moss ditto
(5) on rocks on top: were large areas

6445 Cladonia ditto
(6) Large fine colony of "reindeer moss" from roadside banks in woods near foot of Short Mt.

6446 Cladonia (reindeer moss) ditto
(7) on rocks at top

Cladonia (reindeer moss) Short Mt., Massanutten Range, 1/4
 on rocks at top south end, near top, 1/4
 Jackson, April 16, 1939
 H. A. Allard Shenandoah Co.

6447 " " =
 6448 *Cladonia (reindeer moss)* ditto
 " " on rocks at top. " "

6449 *Moss*:
 " " small dark green: in fruit.
 on rocks at top in dense, small colonies. ditto

6450 *Moss*:
 " " light, pure green.
 at cliffs in crevices of rocks
 dripping or moist, protected. ditto

6451 *Peltigera*
 " " Lichen overgrowing masses
 growing with #6445. ditto

6452 *Moss* (fruiting)
 " " on rocks at top. ditto

6453 *Moss*
 " " on rocks on top. ditto

6454 *Moss*
 on rocks on top (large patches here) ditto
 " " near Mt. Jackson, April 16, 1939
 H. A. Allard (south end)

6455 ^{1/4} *Moss*
 " " on rocks on top covering
 " " large areas here; fruiting
 capsule roll down in moss, broken.
 easily removed as loose on thin humus.

6456 *Moss*
 " " on rocks on top; dark, dark green.
 appearing like resembling *Polytrichum*. ditto

6457 *Hepatic*
 " " Dark green in pure stems
 mats on damp rocks on top, or even
 overhanging dripping ledges. ditto

6458 *Moss*
 " " in dense mats on rocks on top, ditto
 " " pure, yellowish green, fern-like.

6459 *Moss*
 " " on rocks on top; dark green, ditto
 fruiting.

6460 *Osmunda* old log on
 " " on rocks on ledges on top; ditto
 fruiting

19462 brilliant, bright green on damp ledges South end of Shurt Mountain, Va
Mass. on rocky range, east of Mt. Jackson, Va
6461 at cliffs on top. Shenandoah Co April 16, 1939
" H.A. Allard

19463 " on rocks, above cliffs at top at 2700 ft. short Mt., Va
Mass. on rocks, above cliffs at top at 2700 ft. short Mt., Va
6468 a beautiful golden bryozoan Shenandoah range
species in fruit, wiring H.A. Allard
" large areas here, on rocks, April 16, 1939

6462 Mass. bright, brilliant green; on ditto
" cliffs at top

6469 *Tenga canadensis* on slopes of Devil's Hole Mtn.,
Shenandoah Co. Va
19469 1) on rock ledges, just east of Coffelt's on
at storm gaps. 2) Little storm gaps, just
east of Mt. Coffelt. April 23, 1939
here; abundant. H.A. Allard.

6463 *Cladonia*
" "Reindeer moss" on rocks at top. ditto

6470 Moss
19470 1) on rocks on rocks of slope. ditto

6464 *Cladonia*
" "Reindeer moss": near # 6463 ditto

6471 Moss
19471 1) (Thuidium) on rocks on steep slope near
end of ridge. ditto

6465 *Cladonia* (reindeer)
" competing with mosses (Polytrichum etc.) ditto
what are these mosses?
(By roadside on bank in woods at foot of mt.)

6472 Moss
19472 1) on dry soil, top of ridge near
Big Schloss. ditto

6466 *Peltigera*
" competing with moss.
what is the moss?
Grazing with # 6445 & 6451. ditto

6473 Moss
19473 1) on rocks at Big Schloss. ditto

6467 *Aleurostoma montanum* Willd.
" on crevices of vertical cliffs ditto
at top of mountain.

6474 *Arabis laevigata* (Muhl.) Poir
" on crest of ridge near Big Schloss ditto
Scattered; just in bloom.

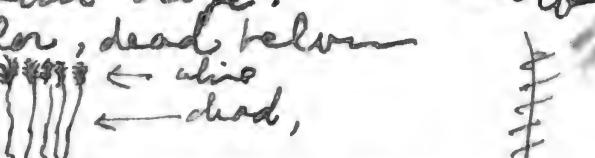
Salaginella rupestris (L.) Schrad. East slope of Devil's Hole Mt.,
Shenandoah Co., Va.

On red sandstone ridge of Coffelt's and Little
Creek April 23, 1939
soil at crest of ridge H.A. Allard
just N. of ridge H.A. Allard
Devil's Hole Mt.

6476 Moss
" on damp rocks where spring
" very florid near crest of ridge.
just west of Coffelt's.

6477 Moss.
" in water where spring flows ditto
over rocks near 6476.

6478 Moss
" long, stringy.
" on rocks under water where ditto
spring flows over slope; near 6476.

6479 Moss
" on muddy soil on rock where ditto
spring flows down slope.
a brilliant green color, dead below
but living at tips. 

6480 *Salix lucida* Marsh Bull Run Mt., Va.
" in fine knowedge ~~pasture~~ ^{pasture beyond S.W. Riley} ~~pasture~~ ^{April 30, 1939} ~~1939~~
old cabin ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹
abundant; leaves glaucous ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹
beneath. ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹

6481 *Viburnum prunifolium* L.
" in field (pasture) where *Prunus* ¹⁹³⁹ ¹⁹³⁹ ditto
rigida *globosa* *grossa*.
abundant, very showy, in full bloom here.

Carex stans (L.) Mark Bull Run Mt., Va.
In heavy woods April 30, 1939
below High Point Cliff, Fauquier Co.
scattered.

6482 " ditto
" ident. by T.J. Hermann

6483 *Amelanchier canadensis* (L.) Medei. ditto
" on High Point Cliffs, full bloom here: ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹
abundant on Bull Run ridge.

6484 Three Top Mountain, Va.
Massachusetts Range,
Shenandoah Co.

May 7, 1939
H.A. Allard.

at rock slides and
slope near South Park
of Shenandoah N.W. ¹⁹³⁹
of wood stock ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹
on ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹
pasture ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹

6485 *Erodium cicutarium* (L.) L'Her. ditto
" in sheep pasture at Least Grove ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹
south of wood stock, quite ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹
owing to flat rotted escape ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹
occupies the ground where tall herbage is eaten.

6486 *Carex stans* (L.) Mark. ditto
" in old field growing up, near Cabin ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹
near River; abundant. ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹ ¹⁹³⁹
Ident. by T.J. Hermann.

6487 Gramineae ditto
(2) wooded slopes near River, near
* 6486: scattered; not abundant.

6488 Moss ditto
" on bank high up on shale
slope - mainly wooded, shaded.

Trinitatea fieberi
on rocks on rockslide
high up slope.
6489 ~~abundant~~
" locally here.

Tree Top of Mountain, west slope,
Massachusetts Range,
Shenandoah Co., west slope
near So. Fork of Shenandoah
near Woodsboro, Va
May 7, 1939, on Pugh's Run
H. A. Allard

Lichen (brown)
(Strong fishy smell)
High up slope
6496 on rocks in
Pugh's Woods.

Tree Top of Mountain, west slope,
Massachusetts Range,
Shenandoah Co., Va
May 7, 1939
west slope near So.
Fork of Shenandoah
N. W. of Edinburg.
on Pugh's Run

6490 Agavea multiflora ditto
(3) in woods far up slope near
rock slide - near # 6489.
abundant: full bloom.

6491 Lonicera divarica L. ditto
(4) on rocky slope just off rock slides
near top of slope. just in bloom -
few flowers.

6492 Astris laevigata (Muhl.) Poir. ditto
(1) on wooded slope everywhere and
near river: abundant.

6493 Carex communis Bartray
Basal sheaths deep reddish.
in woods near River in rich soil:
abundant.
Ident. by T. J. Hermann

6494 Moss
" in wet springy spot near river.
near old cabin.

6495 Cladonia (?) ditto
" like a "reindeer moss"
on rocky shelves at top of ridge
on rock slides.

6495 a. on flint chalcs near Shenandoah
River base of hill.

6497 Moss
" bright, shining green.
" in wet spot with # 6494.

6498 Moss
" in same spring break with # 6494.
a large, dark green moss - pine-like.

6499 Viola sororia Willd. ditto
(8) Rich woods west slope near
River & old cabin, ie near # 6486.
abundant. Leaves beneath, stems (petioles),
hairy.

6500 Carex blanda Deney
(4) Rich woods near # 6499; abundant.
Ident. by T. J. Hermann

6501 Viola scabriuscula Schneid. ditto
(2) near # 6499, in damp, rich woods.
(Capitules densely woolly)
(fl. yellow; purple veined); abundant locally.

6502 Moss ditto
" with # 6494.

1700
Groving in spring-fed
brook near old cabin
near River.

6503

11

Three Td on T. Va.
Massanutten Range,
Shenandoah Co.,
West Slope N. E. of Woodstock,
Va. May 7, 1939 H. A. Allard.

6504 1700
Brilliant shiny light green:
" very beautiful. Growing near # 6503 ditto

6505 Jeffersonia diphylla (L.) Pers.
151 in rich woods near old cabin: only ditto
one spot: local.

6506 Gramineae
24 on wooded slopes: in scattered clumps: ditto
shattering.

6507 Carex platyphylla Carey
161 Broad glaucous leaves: in rich damp
woods on slopes to River: very abundant.
Ident by T. J. Hermann.

6508 Rock Lichens
" on rocks of Rock slide
climbed on this trip.

6509 Bromus
141 At lower end of
Finceton Bridge,
Warren Co., Va. very
abundant.

Alleghenies Valley of Va.
Hardy Co., ~~west~~ Va.
May 10, 1939
H. A. Allard
on ridge west end of
Big Schloss Ridge.

Lithasfernum orientale "Alleghenies" Shenandoah
on roadside ~~Shenandoah Co., Va.~~ Va Valley
two miles west of ~~Shenandoah Co., Va.~~ May 10, 1939
6510 Edinburgh common H. A. Allard
21 On west ridge ~~west~~ of
Big Schloss Ridge
directly across valley from
page 6503.

6511 171 Salvia verbenaca L.
Growing with # 6510
a large colony here; my first record.
bl. blue: in full bloom.

6512 Erodium cicutarium (L.) L. Nor.
24 Growing near # 6510: large
1 ft - 1 1/2 ft tall with spread of 1 foot or
more: abundant: full bloom.

6513 Sisyrinchium mucronatum
131 On shale cliff near Posell's Farm Valley. ditto
by roadside: full bloom, very
showy, blue in clumps.

6514 Pentstemon hispustus (L.) Willd.
151 on shale banks by roadside
near Strasburg, Va. west of Shenandoah
River: abundant: full bloom.

6515 Aronia
171 Low bush - 2 ft
On top of dry rocky ridge at old forest cabin
Hardy Co., west Va
On ridge west of Big Schloss ridge,
May 10, 1939
full bloom, showy.

6516 Anemone trifolia
21 Growing high on west slope
near # 6515 - under bear oak
etc: full bloom: occasional.

Hepatic
Mass

6517 On crevices of high ledges here,
" Diplophyllum foliosum (Hedw.) Mohr. H. A. Allard
plus Diplophyllum apiculatum (Evans) Steffl.

6517A: " " " "

6518 Masses of crevices of ledges near top, near # 6517 ditto

* Pohlia nutans (Hedw.) Lindb.

6518A: Gymnostomum recurvirostrum Hedw.

6519 Asplenium montanum Willd
" On crevices of ledge face near # 6517. ditto

6520 *Viola canadensis* L. (white fl.)
(2) May 10, Sherandoah Valley ditto
1939 Sherandoah Co.
H. A. Allard On banks of Little Stony Creek
near of Edinburg, Va.
near Three Miles Mt., Va.

6521 Equisetum arvense L.
" On banks of Little Stony Creek near
* 6520, the bridge is near *Thymia*
occidentalis. ditto

6522 Amelanchier alleghenica
(3) at ledges at top, near on ridge just west of ditto
6517; very Big Schloss on Big Schloss
abundant, fruiting. ridge, May 10, 1939 H. A. Allard.

6523 Crataegus ditto

(3) High up near cliffs at top in woods; anthers pinkish.

Lichen - *Parmelia* ?

6524 Lichen gray;
" On rocks in woods on slope
ascending to top of ridge. May 10, 1939 H. A. Allard.

6525 *Malus angustifolia* ditto
" On rocks near cliff; very showy
pink flowers, fragrant. scattered in
woods here.

6526 *Sis verna* L. ditto
" On top of ridge at ledges,
amongst sand, rocks etc; abundant, full
bloom, showy; delicately fragrant.

6527 Mass long, slender, immersed in flowing
water from cold, mountain stream ditto
on the ledges in a ravine.
(mixed with algae)
Pontinalis Leucurii Linn.

6528 Lichen, gray)
" On banks of damp ravine
leading near ledges. ditto

6529 *Carex spumosa* Lam ditto
" On rocky shelves at cliff at top; abundant. Ident. by F. J. Hermans

6530 *Satia tinctoria* Great Valley of Va.
(3, Tall flower - at end Warren Co.
of Picketon Bridge, and
spreading along roadways. 1938 over 'Nash Forks of
Tall flower. See # May, 1939 H. A. Allard.

Lisyrinchium macrostoma Nutt. Centerville, Va
very abundant in an old Fairfax Co.,
meadow; a blue May 12, 1939
large area; full bloom. H.A. Allard.

6532 *Carex pleasenorthii* Deney. Arlington,
(5) Beside walls on Arlington Co., Va
H.A. Allard's lawn; abundant May 12, 1939.
here. H.A. Allard.

6533 *Euphorbia corollata* Bartlett form var
~~decumbens~~
On dry Tamer hillside Pond Mountain
in pasture, west slope. May 14, 1939.
not common just in bloom. H.A. Allard.

6534 *Sphagnum subnitens* (Strong) Scribn.
" " in woods, west slope; in clumps, ditto
scattered; just coming into flower
abundant over the entire area in woods; shining,
attractive.

6535 *Carex retroflexa* Muhl.
" near # 6534. ditto

6536 *Carex arctata* Muhl.
(2) In same woods near # 6534. ditto

6537 *Juncus ? surinam planifolius* Muhl.
(2) In open woods, west slope. ditto
near # 6534.

Dennstaedtia dichotoma L. Pond Mt., Va
in open woods, Tangerine Co
west slope with # 6534. May 14, 1939
full bloom. scattered. H.A. Allard

6539 *Erigeron pulchellus* Michx. ditto
" " By wood road in opening in
woods with # 6534. full bloom: color light, showy.

6540 *Ranunculus hispidus* Michx. ditto
(2) In woods west slope with # 6534:
abundant; full bloom.

6541 *Zizia cardata* (Walt.) L.C. ditto
(3) In woods with # 6534;
abundant; full bloom: shiny
yellow fl.

6542 *Carex gracilis* L. tend ditto
(2) In woods, west slope with # 6534

6543 *Carex convoluta* Muhl. ditto
" " In woods with # 6534.

6544 *Botrychium virginianum* (L.) Scop. ditto
(2) Rich, dry soil, east and west
slopes; abundant; just fruiting.

Smilax herbacea L. ✓ Pond Mt., Va
 1 very adeniferous like carion, Fangier Co.
 west slope with #6534. May 14, 1939
 H.A. Allard.

6545 " ditto

6546 *Cynoglossum virginianum* L. ditto
 121 abundant, full bloom: east slope.
 In rich woods.

6547 *Carex articulata* Michx. ditto
 " Tuf of ridge, in woods.

6548 *Carex g. laevigatae* (var. "immature") ditto
 121 By roadside, east slope near
 farm yard fence.

6549 *Panouria tomentosa* (Thunb.) Steud. ditto
 131 at foot of high cliff beginning south of
 Thoroughfare Gap near Route #55. Full bloom: very beautiful: of general
 occurrence.

6550 *Phacelia dubia* (L.) Small. Arlington Farm, Va.
 (21 a volunteer seedling. Arlington Co.; May 13, 1939 ditto
 on 13 hour fern test of H.A. Allard
Asplenium platyneuron from Great Falls, Md., 1938.
 Plants 11-12 in tall: in dense loose 4-5 in long,
 bl. blue (light)

6551 *Phacelia dubia* (L.) Small. ditto
 "11 Volunteer germinating on 10 hour day
 with some fern. Plants very low, 2-2 1/2 in tall, mostly leaves. Short stems with
 no reserves but flowers in clusters of 2-5
 only. Habit completely changed.

Polygonum persicaria L. Arlington Farm, Va.
 volunteers on 10 hour day test of H.A. Allard
 May 23, 1939

6552 *Polyphodium vulgare* from Great Falls, Va
 " 1938. Plants many, very small, 4 in or
 less tall, flowering with 4-5 leaves only back
 dev. above cut: some had flowered on 13,
 14, 14 1/2 on controls.

6553 " 121 Plants on 12 hour; May 23 on 12 1/2 hour
 ditto *Signacchium* Old field (bromedge)
 near Falls church, Va
 Arlington Co., May 21, 1939
 H.A. Allard.

6554 *Robinia* near Merrifield, Va
 121 By roadside in bank. Fairfax Co.
 very abundant here - 2-3 ft. May 21, 1939
 flowers deep rose pink, turning bluish on drying. Escape? H.A. Allard.

6555 131 *Pentstemon canescens* (Benth.) Benth. Gainesville, Va
 Roadside in Triassic gray Triassic Area
 abundant: flowers pinkish Prince William Co.
 leaves, sharp teeth. May 21, 1939
 H.A. Allard.

6556 *Caylus americana* (Benth.) Benth. Bull Run Mt., Va
 121 In old pasture near North of Hagerell Gap.
 Belts'; abundant. May 21, 1939
 Fangier Co. H.A. Allard.

6557 121 *Ulmus americana* ditto
 In pasture west from Belts'
 near # 6556

6558 *Rubus argutus* Link ditto
 111 High blackberry.
 Pasture near # 6556.
 Full bloom: abundant 4-5 ft.

Rubus
Half-high blackberry
6559 (so-called) very
(21) abundant; full bloom
2-3 ft. high.
very fine fruit.

Bull Run Mt., Va
Fauquier Co.
west slope, north
of Hoperell Gap.
May 21, 1939
H.A. Allard.

6560 Veratrum viride L.
(21) in swamp North of
(dry seep) Belts 1 mile; abundant,
full bloom.

ditto

6561 Carex sphaerocarpa (Kirkbr.) Mack.
(11) in some swamps with # 6560 ditto

6562 Viola canina L.
(11) lateral petals bearded.
in swamp with # 6560

ditto

6563 Gramineae.
(21) Growing in soil on rocks in brook
N. of Hoperell Gap 2 miles, near # 6560
- Trisetum hemisphaericum (L.) Beauvo.

6564 Carex leavenworthii Deyen
(21) on dry bank in thin woods
above # 6563 (where re-ate)
abundant

ditto

6565 Carex blanda Deyen
(3) Growing with # 6564.
very abundant here, making
much of vegetation.

ditto

Cardamine hirsutissima (L.) Bull Run Mt., Va
fil. white. on soil Fauquier Co.
mat on flat stones west slope 2 miles
6566 in brook stone N. of Hoperell Gap.
(21) re-ate, ie. May 21, 1939
abundant here; hairy. H.A. Allard.

ditto

6567 Gramineae
(14) Growing with # 6564.
- Bromus japonicus Thunb.

ditto

6568 Carex cephalophora Deyen
(21) Growing with # 6564

ditto

6569 Carex gracilis Stev
(11) Growing with # 6564

ditto

6570 Carex gracilis Stev
(14) with # 6564

ditto

6570A = Carex grisea Wahl.

6571 Carex gracilis Stev
(11) with # 6564

ditto

6572 Carex grisea Wahl.
(11) with # 6564

ditto

Carex cephalophora Muhl Bull Run Mt., Va
On dry slope in Fangmier Co.
open woods where ^{near} woods were ^{near} Hafersell Coal
6573 ne ate - ie 1 mile west slope 2 miles
N. of Hafersell Coal May 21, 1939
" N. of Belts H.G. Allard

6574 *Carex rosea* Schb.
" with # 6573

6575 *Carex convoluta* Mack
" with # 6573

6576 *Galinopsis* L.
" in swamp near # 6573
very abundant

6577 *Carex flava* Deney (immature)
" with # 6573

6578 *Carex cephalophora* Muhl
" with # 6573

6579 *Carex rosea* Schb.
" with # 6573

Carex cephalophora Muhl Bull Run Mt., Va
in moist soil Fangmier Co.
near # 6573.
red slope 2 miles N
of Hafersell Gap. May 21, 1939
H.G. Allard

6580
(2)

6581 *Platynnis occidentalis*
" in pasture just west of Belts ditto

6582 *Carex laevisaginata* (Rikenth.) Mack.
" in wet soil west of Belts ditto

6583 *Eleocharis tenuis* (Willd.) Schultes
" with # 6582 ditto

6584 *Carex laevisaginata* (Rikenth.) Mack.
" in swamp with # 6582 ditto

6585 *Veronica officinalis* L.
" in damp soil in pasture ditto
near # 6582

6586 *Carex laevisaginata* (Rikenth.) Mack.
" in damp soil near # 6582 ditto
in swamp

Trifolium procumbens L. Bull Run Mt., Va
(yellow), in ~~meadow~~ ^{Tianguis Co.} west slope
W. of Hagerell Gap 1 1/2 miles N. of Hagerell Gap

6587 (1) ^{Tianguis Co} May 21, 1939
H.A. Allard.

6588 *Liriodendron tulipifera* L. ditto
(3) In pasture near # 6587; full bloom.

6589 *Carex glaucoidea* Tuckerm. H.A. Allard's garden
(3) Arlington, Arlington Co., Va
Near pennies. May 23, 1939

6590 *Vernonia* ^{Lawn of Administration}
(1) Abundant; erect. Bldg. V.O.S. D.C.,
Wash. D.C. at main entrance. May 23, 1939
H.A. Allard

6591 *Vernonia* ditto
(1) Very abundant; with # 6590
Dying as summer comes on; replaced by
crab grass. //

6592 *Crataegus crus-galli* L.
(3) In meadow along west slope; meadow.
Broad br. just west of Bull Run Mt.
west of Thoroughfare Gap. Tianguis Co.
Full bloom; big as apple trees. May 24, 1939
H.A. Allard.

6593 *Hieracium pratense* Tausch Near Marshall, Va
Roadside near Marshall Tianguis Co.
very abundant; full bloom.
Stoloniferous; slender stolons
just beginning.

Labiatae (white waxy) Great Valley of Pa
(Sherando and Luray Co.)

6594 (1) on cliff only, just ^{over V.S. # 11, south of} ~~over V.S. # 11, south of~~
south of Strasburg, ~~roadside~~ May 24, 1939
cliffs; full bloom. H.A. Allard.
(None seen since it before).
= *Stachys lanata* Jacq. ^{in Allard's} ^{Stachys herbaceous} ^{Stachys lanata} ^{in Allard's} ^{Stachys herbaceous}

6595 *Osmorhiza longistylis* ^{var. rubricaulis} Ternall ditto
(3) Growing by stream (Pugh's River)
one mile N. of Woodstock, Va near
V.S. 17; abundant at foot limestone
outcrop here.

6596 (1) *Hesperis matronalis* L. On Pugh's River
On limestone cliffs. Limestone outcrop;
near highway V.S., along Pugh's River;
very abundant, shiny; 1 mile N. of Woodstock
white and purple; May 24, 1939 H.A. Allard

6597 (1) *Carex grisea* Wahl. ditto
with # 6596
6597a = *Carex blanda* Desv. // ditto
6598 *Peltaria atropurpurea* (L.) Link. ditto
(1) with # 6596 on cliff (limestone)
abundant.

6599 *Valerianella* ditto
(3) On cliffs with # 6596
Plants pale; stiff leaves.

6600 *Carex blanda* Desv. ditto
(1) with # 6596 ditto

Carex gisea Wahl
jimb off V.S. #11.

6601

"

On Pugh's Run,
Limestone cliff
1 mile N. of Woodslock, VA
Shenandoah Co.
May 24, 1939
H.G. Allard

6602 *Uplanius trichomoides* L.

(2) On limestone cliff or
lime stone cliff with # 6601
(abundant here)

6603 *Carex cephalophora* Muhl

(1) On same cliff with # 6602

6604 *Henchera*

" with # 6602; full bloom.

6605 *Convolvulus*

" very brittle wally. Just in bloom. Three Tuf Mt. VA
on Mr. Burrow's pasture. May 24, 1939
foot of Pugh's Run road. H.G. Allard
just one in bloom.

6606 *Oxytropis multiflora* L.

" on shale in woods on
west slope east of Mr. Burrow's property.
abundant; full bloom.

6607 *Carex pennsylvanica* Lam

" on steep, barren shale of
slope east of Burrow's property
abundant, just.

On Pugh's Run,
Limestone cliff
1 mile N. of Woodslock, VA
Shenandoah Co.

May 24, 1939

H.G. Allard

Carex hitchcockiana Deney Three Tuf of Mountain VA
Massachusetts Range,
May 24, 1939
H.G. Allard.

6608

"

On top of ridge
at cliff above
rock slides.

"

6609 *Comandra umbellata* (L.) Nutt. ditto

(3)

in woods on shale
near # 6608, (abundant)
full bloom.

6610 *Pentstemon*

(2) on steep barren shale above
I fell; near # 6607; abundant; full bloom.

6611 *Cuamtatace?*

(2) in woods in deep ravine by spring
where was a horse site on
shale all down mt.

6612 *Fimbrariaceae*

(2) with # 6611.
seeding; seeds shining, black.

6613 *Philadelphus coronarius* L.

(3) (very fragrant; several clumps) ditto
Growing with # 6611; a survivor from
a horse site; very beautiful but last in
these woods now.

6614 *Rubus*

" trailing.
On dry rocky crest of ridge

ditto

Gramineae
On dry rocky ridge
crest above slides. Three Top Mountain, Va
Not in flower, but soon. May 24, 1939
6615 (21) Massanutten Range
Sherandoah Co
H. A. Allard.

6616 *Carex cephalophora* Muhl.
" near # 6615 ditto

6617 *Mengesia pilosa* (Michx.) Pers. ditto
" on steep slopes in heath zone above
rock slides: abundant; full bloom.

6618 *Rhus glomerata* (Michx.) Stevns.
" (riven)
On steep barren shale bare & fell. ditto
Patches here; erect, bushy.

6619 *Bryophyllum rotundifolium* L. Bull Run Mts, Va
" in laurel grove at old house Tangerine Co
" below High Point, half stone, May 28, 1939
half wood: full bloom. west slope below
my first run in Bull Run area. High Point e

6620 *Sisyrinchium angustifolium* Mill.
" in swamp just beyond forest e ditto
west below High Point; full bloom.

6621 *Carex planostriata* (Kükenthal.) Mack.
" in swamp woods near # 6620 ditto

Gramineae
In low swampy
woods below
6622 High Point Cliffs. Bull Run Mt. Va
" May 2, 1939
west slope below High P.
cliffs. H. A. Allard.
scattered in clumps.
= *Trisetum pennsylvanicum* L. Beauv. e

6623 *Asclepias quadrifolia* Jacq. ditto
" in rich woods just below
(west) of High Point Cliffs. e
scattered throughout: full bloom.

6624 *Carex virginea* Muhl. ditto
" on High Point Cliffs. e

6625 *Rubus argutus* Link ditto
" (High stems.) among rocks
at foot of High Point cliffs. e

6626 *Hieracium pratense* Tausch. v
" By roadside just Prince William Co.
near Gainesville, Va. May 28, 1939
over # 55 same off for H. A. Allard
V. S. # 11. Has just appeared
in Bull Run area this year.

6627 *Oxalis stricta*. Bull Run Mt. Va
" yellow Tangerine Co.
In old field near
Prunus cerasifera tree. May 28, 1939
(full bloom) H. A. Allard e
west slope below

6628 *Carex panicea* Benth. South of Hazelton, Va.
" Near old ditch below. May 28, 1939
below *Prunus cerasifera* ditto
in field. (Damper soil.) ditto

Carex sanguinosa Bicknell. Bull Run Mt., Va
Beside brook near
dead chestnut Elm tree. High Point, south
of Hagerell Gap. May 28, 1939
H.A. Allard.

6629 " Bull Run Mt., Va
Beside brook near
dead chestnut Elm tree. High Point, south
of Hagerell Gap. May 28, 1939
H.A. Allard.

6630 *Senecio smallii* Britton & Gray ditto
(1) In old field where wild carrots so
abundant last year: growing in now
and *Prunus cerasifera* area. Bull Run.

6631 *Houstonia purpurea* L. ditto
" In old pasture just beyond
Riley's brook where young red cedars so
abundant. Bull Run.

6632 *Veronica arvensis* L. ditto
" In old pasture near # 6631. ditto
abundant, dying, worn; erect, slender.
abundant; annual

6633 *Glyceria striata* (Lam.) Hitch. ditto
(2) In damp soil of brook near
big, dead *Ulmus americana*
abundant in swamps, brooks on stones,
etc.

6634 *Equisetum arvense* L. ditto
(2) with # 6633 in damp soil on bank.

6635 Moss ditto
" on this soil on rocks
" in brook with # 6633.

Agrostemma githago L. Bull Run Mt., Va
Tranquill Cr
In wheat field south of Hagerell Gap; full bloom May 28, 1939
H.A. Allard

6636 *Carrollia bilobata* purple some
(2) after life of *Oryzopsis spectabilis* west slope
abundant. Point Cliffs.

6637 *Coronopis speciosa* L. repens ditto
(3) P. stigmatosal. ditto
In dry, sterile soil by roadside below Castello's, Hagerell Gap
Very abundant, full bloom.

6638 *Carex laevis* (Kirchenh.) Mack. ditto
(2) In open grass below Castello's
at Hagerell Gap.

6639 *Carex lurida* Wahl. ditto
(5) Growing with # 6638.

6640 *Juncus effusus* L. var. - (immature) ditto
(3) with # 6638; very abundant.
making green herbage (tall) in many
places now.

6641 *Camassia esculenta* = *arenaria* *serpyllifolia* L. ditto
In pasture at Hagerell Gap below
Castello's: abundant.

6642 *Veronica officinalis* L. ditto
" In old field at Hagerell Gap
below Castello's
Large areas - blue + light) with
Veronica.

Pentstemon canescens (Britt.) Britt. Bull Run Mt., Va
 in old field on Triassic area Prince William Co.
 near Antioch. Very abundant, May 28, 1939
 full bloom. H. G. Allard.

6643 (7) *Consolida spathacea* L. ditto
 (1) On bare areas s. of Hoppersell Gap, Tianguis Co.
 where soil was obtained for testing at
 Arlington Farm. Very abundant on these.
 Bull Run, Virginia: almost the only plant
 here.

6645 (2) *Panicum deceptorium* Muhl. Bull Run Mt., Va
 In pasture s. of Belts (some clump.) Tianguis Co.
 May 30, 1939
 H. G. Allard

6646 ~~Bromus~~ *commutatus* Schrad. In area just west of
 Belts and N. of
 toward Landmark N. of Hoppersell Gap. e
 (2) In farmyard of negro
 farm where we park car below
 white rocks. Very dense stands ditto e

6647 *Bromus commutatus* Schrad.
 (2) Growing with # 6646; abundant ditto

6648 *Carex laevigata* L. ditto
 (1) In deciduous woods east of Landmarks. e

6649 *Panicum dichotomum* L. ditto
 (1) In woods east of Landmarks ditto e

6650 Sphenopholis
 In woods east of Landmark. ditto
 (1) *Sphenopholis californica* (Chapm.) Scribn. H. G. Allard.
 New to Va. ditto

6651 *Carex roscoea* & *consolida* Mack
 (1) In woods near # 6650 ditto
 (1) abundant) e

6652 *Carex hirsutella* Mack
 (1) In woods near # 6650 ditto

6653 *Panicum fasciculatum* Poir.
 (1) In woods with # 6650 ditto

6654 *Carex laevigata* L. ditto
 (1) In woods near # 6650 ditto

6655 *Carex hirsutella* Mack
 (1) In wood road in woods near # 6650 ditto

6656 *Acetosella Parietaria pennsylvanica* Muhl
 (3) In damp rich woods near Landmark; very abundant here. ditto

Gramineae
In damp rich woods
near Landmarks,
6657 where all the Black
walnut trees.
" *Bromus japonicus* Thunb.
near of Round Knob
Landmarks.
May 30, 1939
H.A. Allard

6658 *Carex multituberaria* var. *variegata* Brongt.
(3) In thin, open woods on dry
slope east of Landmark store near
abundant here. Halfway
(same clump.)

6659 *Carex cephalophora* Muhl.
(2) with # 6658
abundant here
(same clump)

6660 *Carex hirsutella* Mack.
(2) Near # 6658
(same clump)

6661 *Carex cephalophora* Muhl.
In old pasture near # 6658
(")

6662 *Carex cephalophora* Muhl.
(3) Edge of thin woods, dry near
pasture near # 6658
(")

6662 a: *Carex hirsuta* Mack.
multituberaria var. *variegata* Brongt.

6663 *Panicum depauperatum* Muhl.
(2) In old pasture near # 6662
(")

Carex hirsutella Mack.
In heavy thickets of *Rhus glabra* in Bull Run Mt. 14
pasture where it made almost a
pasture stand of its own May 30, 1939
6664 a more dense stand of *Betula* H.A. Allard
(3) below.
In pasture near of *Betula*
and *Betula* and *Round Knob*
Landmarks.

6665 *Carex cephalophora* Muhl.
(2) with # 6664
very abundant in old pasture
(")

6666 *Carex cephalophora* Muhl.
(3) In pasture with # 6664
(")

6667 *Carex cephalophora* Muhl.
(") Near # 6664
(")

6668 *Carex hirsutella* Mack.
(3) In pasture near # 6664
(")

6669 *Consolida spicata* L.
(")
In bare red-soil area in pasture
near nest of *Betula*, covered with grass only,
and exceptionally large. width flowers
6.8, c.M; 7.0 c.M; 5.5 c.M; 6.7 c.M.
(very showy, abundant.)

6670 *Houstonia purpurea* L.
(")
In pasture near # 6669.
Very abundant; full bloom; and
in woods etc.

Consolidae sphaerocaulis L. Bull Run Mt., Va
 white bl. ^{Fl. angustifolia} May 30, 1939

6671 ♀. stigmas oval 1/4" tall
 (2) to 6" long. west slope N. of Hagerell Gap
 everywhere in sterile 2 miles, col. near from
 ground: full bloom. Round knot to Landmark.
 x)

6672 *Spheonopholis Glycosia* ditto
 (2) in woods (damps)
 brilliant, shiny green.
 in clumps. *Spheonopholis californica* (Chapm.) Scribn. e

6673 *Sisyrinchium graminoides* Benth.
 (2) in low ground in pasture ditto
 just west of where we parked e
 and stream below - i.e. at foot
 of high white rock slope.

6674 *Carex amoenans* Bickn.
 (2) in low ground with # 6673 ditto
 e

6675 *Carex bushii* Mack. ditto
 (2) with # 6673 e

6676 *Carex amoenans* Bickn.
 (2) with # 6673 ditto
 e

6677 *Carex bushii* Mack. ditto
 (2) with # 6673 e

Triasteris perfoliata L. Bull Run Mt., Va
 in woods east of Fl. angustifolia May 30, 1939

6678 Landmark, col old pasture: H.G. Allard
 (2) abundant west slope N. of Hagerell Gap
 full bloom. 2 miles col near from Round Knot toward
 Landmark. e

6679 *Apteron hyemale* (Muhl.) Turr. ditto
 (2) in brony dead. in brony woods east of Landmark, ditto
 rich soil. leaf dead. one bulb 3 in
 away not blooming this year col with no
 leaf; a larger bulb. my first finding of

6680 *The Plant in flower.* ditto
 (2) several smallish Britton e
 on dry wooded slope in thin ditto
 woods. abundant: east of Landmark
 full bloom.

6681 ditto

Rattle Snake Mt., Va
 Fl. angustifolia May 2, 1939.
 alt. 2100 ft.
 H.G. Allard

6682 *Carex grisea* Wahl. ditto
 (2) in brony woods in rich bark soil
 at top of highest point.

6683 *Gramineae* ditto
 (2) in woods on east slope near top ditto
 e

6684 *Carex cephalophora* Muhl. ditto
 (2) in woods east slope.

Coreopermeans Bickn. Rattlesnake Mt., Va
in small patches Tangier Co
6635 Rattlesnake rd Bunk June 2, 1939
Mt. H.G. Allard
11

6686 juncus maevar S. P. Gray ditto
" in small with # 6685
(a few of it have serrated) (ie with serr.)
with Burgess = e /

6687 Carex sphaerocarpa Schku.
(b) Immature with xx 66 85: ditto
(one clump) . e

6688 Juncus effusus L. var. splutus Fern & Wieg. ditto
16, with # 6685: very abundant;
dark green bls (sterile) lighter some
of flowers near top. e

6689 *Carex squarrosa* L
141 In snake with # 6685: abundant here. ditto
e =

6690 Bull Run Mtn., Va.
Tranquillity Co.
West slope, pastures, south of Aldie 5 miles
on #629 off #55
June 4, 1939
H.A. Allard

6691 Polytrichum H.A. Willard
" abundant on dry banks in woods
bare, just mature. ditto

Stellaria graminea L. Bull Run Mt., Va
"red slope" Tungmier Co. with of Aldie 5 miles
June 4, 1939
6692 H. G. Allard
121 In low grassy meadow: abundant, full bloom.
Especially in fields and meadows here. e

6693 Gramineae, Arberatherum elatius (L.) Merr. ditto
13, In open shade in cult. ground; Merr. e
abundant

6694 *Carep vulpinoides* Michx. distv
(4) In open snale with # 6693. e

6695 *Juniperus* *mairei* S. F. Gray
(4) with * 6693: abandoned.

6696 *Verbascum blattaria* ditto
" in open field: abundant, full bloom
yellow and purplish. e

6697 Carex vulpinoidea Michx. ditto
(3) In open areas. e |

simples Lehm.

6698 Verbena congnatifolia Michx.
(all) In open field; occasional. ditto
Flowers purple; full bloom. e

Silene noctiflora L.

Bull Run Mt. Va
Fauquier Co.
west slope pastures south of
aldie 5 miles. June 4, 1939
(2) low ground snail thickets
part: hairy, pubescent. off #55 on #629
upper stems, very
viscid: stringy and when touched:
small insects caught. very

6700 *Oxalis stricta* L.

(1) yellow
in field; abundant.

e

ditto

e

6701 *Carex lurida* Wahl.

(5) (all from one clump.)

low ground snail along brook
near wooded slopes; abundant.

ditto

6701a - *Carex laevigata* (Kükenth.) Mack.

6702 *Carex lurida* Wahl.

(1) near #6701: abundant

e

ditto

e

6703 *Panicum clandestinum* L.

(2) on banks of brook in open snail
abundant.

ditto

e

6704 *Sisyrinchium atlanticum* Wahl.

(3) in low, wet soil by brook
with #6701: common.

ditto

e

ditto

e

6705 *Panicum clandestinum* L.

(2) in low ground near
* 6703.

ditto

e

Stellaria graminea L.

Bull Run Mt. Va
Fauquier Co. Va
in open snail: pastures west slope 5 miles
south of aldie on #629 off
(2) very abundant. #55 June 4, 1939
H.A. Allard.

Bull Run Mt. Va

Fauquier Co. Va

in open snail: pastures west slope 5 miles

south of aldie on #629 off

#55 June 4, 1939

H.A. Allard.

e

6707 Gramineae

(3) in low ground snail: very
abundant. = *Festuca elatior* L.

ditto

e

6708 *Carex vulpinoidea* Michx.

(4) in low ground snail along brook. ditto

e

6709 *Juncus canadensis* J. Gay (too

(2) near #6708.

ditto

immature

e

6710 *Carex lurida* Wahl.

(4) in snail along brook: abundant.

ditto

e

6711 *Sisyrinchium validissimum* Wahl.

(4) in water (edge) along
brook near #6708: abundant
locally here.

ditto

e

6712 Gramineae = *Poa trivialis* L.

(2) on banks of brook near #6708: abundant.

ditto

e

Carex normalis Mack

6713 In shade along
(5) brook; abundant.

Bull Run Mt., Va.
Taylorsville Co.
west slope south of Aldie
5 miles. June 4, 1939
H.A. Allard: in open
fields, slopes, heath
etc here, in mountains.

6714 Carex vulpinoidea Mack

1/4 In shade along brooks near
woods; abundant; from same along

e

6715 Carex normalis Mack

(8) In high pasture near woods

ditto

e

6716 Panicum dehaenianum Hubb.

1/1 In woods on dry lower slope
of ~~west~~ ridge, west slope; abundant

e

6717 Panicum barbatum Michx.

1/1 In woods near # 6716.

ditto

e

6718 Carex laevigata Lam.

(3) In woods near # 6716

ditto

e

6719 Polygonum aviculare L.

(3) In bar way of cornfield: ditto
full bloom here; abundant.

var. vegetum Ledeb.

(Plants very large.) Polygonum heliense Thiebaud.

Carex prasina Wahl. Alleghenies
Hardy Co., west Va.

On ~~Wardensville~~ road
west of Big Schluss, at
trail leading to Half Moon
Lookout. June 8, 1939
H.A. Allard.

6720

1/2

By trail from ~~Wardensville~~ road
to Half Moon Lookout (beginning
of trail to Half Moon Lookout).

6721 Carex gracillima Schkuhr

1/1 At bridge over run in red
soil on trail from Wardensville highway
to Half Moon Lookout.

6722 Carex stipata Muhl.

1/1 with # 6721

ditto

6723 Carex scoparia Schk.

1/1 with # 6721

ditto

6724 Carex prasina Wahl

1/1 with # 6721

ditto

6725 Carex hispida Mack

1/1 with # 6721

ditto

6726 Carex scoparia Schk.

1/1 with # 6721

ditto

Carex stipata Muhl.
at bridge in red
soil at River
6727 near highway.
" " Alleghenies
Hardy Co., West Va
June 8, 1939
H. G. Allard.
On Wardsville road
in valley west of Big Schloss
on trail leading to
Half Moon Lookout.

6728 *Juncus effusus*
(3) with # 6727 var *Pylaei* (Laharpe) ditto
tem. nom. neg.

6729 Gramineae
" " dry woods on trail to Half Moon
Lookout. *Festuca diffusa* Spreng. ditto

6730 *Carex cespitosa* Muhl.
" with # 6729 ditto

6731 *Arabis*
" with # 6729 ditto
scattered along trail in woods etc.

6732 *Carex hispida* Mack.
(4) all of trail near # 6729 ditto

6733 *Carex cespitosa* Muhl.
" near fence near Wardsville ditto
Highway on trail to Half Moon Lookout

Apolinaria montana Willd Alleghenies
Hardy Co., West Va
June 8, 1939
H. G. Allard
on ledges of quartzite
6734 near # 6735: on trail from Wardsville
Highway in valley just
west of Big Schloss to
Half Moon Lookout
" " abundant.

6735 *Hydrophyllum virginianum* ditto
" " By cliff (quartzite) by roadside ditto
in rich woods on highway to Last River P. O.
from Wardsville - Perry West Va.
post office: full flower.

6736 *Carex virescens* Muhl.
(3) Near # 6735 ditto

6737 *Lathyrus venosus* Muhl. ditto
" " roadside in Wardsville Highway ditto
near beginning of trail to Half Moon
Lookout. (Way not marked & a little)
full flower.

6738 *Senecio* ditto
(2) Near # 6737 ditto

6739 *Carex paniculata* Bick.
(4) in woods half way between
Wardsville Highway and ditto
Last River P. O. (one cliff) ditto

6740 *Erigeron philadelphicus* L. ditto
(4) in open in woods on trail ditto
near of to Half Moon Lookout from
Wardsville Highway. Passing.

Phlox ovata L.
In woods along
6741 highway, down
wardensville " highway to Lost River P. O. rest of Big Schloss.
abundant: fl. deep rose-pink showing)

6742 *Astlemon trichomanes* L.
On quartzite cliffs beyond
" * 6741)

6743 *Polemonium van-bruntiae* Britton
" woods near trail from
wardensville Highway to
Half Moon Lookout (roadside)
Part.)

6744 *Carex vulpinoidea* Michx.
at cliffs near * 6741)

6745 *Carex communis* Bailey
(3) at cliffs near * 6741)

6746 *Chamaelirium luteum* (L.) Gray
(6) Long, damp rich woods ditto
near beginning of trail to Half Moon
Lookout from Wardensville Highway:
locally abundant here; full flower:
blooming with the drooping more white spikes
of crowded flowers.)

6747 *Papaver dubium* L.
Roadside between Edinburgh
and Columbia Town, Va. Shenandoah
(very common in Great Valley) June 8, 1939
H. G. Allard

Holcus lanatus L. Bull Run, Va.
Tangier Co
Roadside, at Berkeley June 8, 1939
Mill, Thoroughfare Gap H. G. Allard
Full flower: very first record for
Bull Run area. scattered on the
Triassic ~~and~~ bed east etc.)

6748 15, *Houstonia tenuifolia* Nutt.
In Alleghenies & near Devil's Hole Mt.,
on high way from Columbia Town
to Perry P. O. West Va.: near abandoned
C. C. C. camp. June 8, 1939. H. G. Allard
Shenandoah Co., Va.: abundant; full flower.)

6750 Juven. effusus Alleghenies, West Va.
(3) var. ~~implacata~~ ~~sharp~~ ~~near Perry~~, ~~near~~ Va. June 8, 1939.
In wet soil ~~Shenandoah Co.~~, H. G. Allard.
at spring near end of Devil's Hole Mt. ridge
just before abandoned C. C. C. camp is reached.)

6751 *Carex gymandra* Schneid.
(3) at spring in wet soil with
* 6750)

6752 *Panicum* ditto
" roadside bank near * 6750)

6753 *Panicum* ditto
(3) Near * 6750)

6754 *Panicum* ditto
" Near * 6750)

Holcus lanatus L. Alleghenies, West Va.
 Parvule pinkish purple, Hardy Co., June 8, 1939
 H.A. Allard
 6755 very branched. roadside near On road from Perry, P.O.,
 roadside near to Wardensville.
 " Perry P. O., West Va.

Sutellaria versicolor Nutt. Great Falls, Md.
 appeared as volunteers in June 15, 1939
 day length studies of fern H.A. Allard
 6762 *Asplenium platyneuron* (L.) L. Great Falls, Md.
 " 1938. (see data)
 A long-day type of plant

6756 *Carex scoparia* Schb.
 (5) Parvule by roadside near Perry P.O., ditto
 West Va; abundant

6757 *Carex incomperta* Bicknell.
 (3) with # 6756 ditto

6758 *Carex evanii* (Tern.) Mack.
 (2) Parvule with # 6756 ditto

6759 *Carex scoparia* Schb.
 (5) with # 6756 ditto

6760 *Carex lurida* Wahl.
 (2) with # 6756 ditto

6761 *Carex scoparia* Schb.
 (3) with # 6756. ditto

6763 *Carex tribuloides* Wahl. Bull Run Mt., Va.
 (15) (one clump) in Tianguis Co.
 damp soil by railroad red slope:
 at Beverly Mill from Beverly Mill to
 Broad Run station or
 " Broad Run station or
 H.A. Allard June 18, 1939

6764 *Carex tribuloides* Wahl.
 (12) Near # 6763; same habitat. ditto

6765 *Carex vulpinoidea* Michx.
 (3) red soil by railroad at ditto
 Beverly Mill near # 6763

6766 *Anagallis arvensis* L. ditto
 (2) (Pimpernel)
 (abundant) above Broad Run station
 in L. S. bed; full sun: fl orange-red

6767 Gramineae ditto
 (3) By railroad between Beverly Mill ditto
 and Broad Run station
 (May first week) ? *Agropyron repens* (L.) Beauvois

6768 *Morus rubra* L. ditto
 " By railroad above ditto
 Beverly Mill

Epilobium angustifolium L. Bull Run Mt., Va
on Railroad near June 18, 1939
Broad Run Station H.G. Allard
6769 Broad Run Station, Franklin Co.
on railroad from
Beverley Mill to
Broad Run Station.

6770 *Henchiora americana* L.
" on rocky outcrops at ditto
Thoroughfare Gap; abundant; full bloom.

6771 *Carex vulpinoidea* Michx.
(2) wet soil by railroad ditto
above Beverley Mill.

6772 *Oxalis stricta* L.
" on railroad above Beverley Mill ditto

6773 *Sisyrinchium Bulbostylis* capillaris (L.) C.B. Clapp.
" on rail road above ditto
Beverley Mill and Broad Run Station,
wet soil.

6774 *Sianthura americana* L.
" in Broad Run at ditto
Thoroughfare Gap, a few just ditto
in bloom only; abundant.

6775 *Carex tribuloides* Wahl.
(2) by railroad at Beverley Mill, ditto

Juncus effusus Bull Run Mt., Va
var. *solutus* (Thunb.) Vries. June 18, 1939
on railroad, H.G. Allard
6776 wet soil, at Thoroughfare Gap
on railroad.

alleganies, West Va.
Hardy Co., June 22, 1939
on forest road from Wardensville
where trail to Half Moon Lookout
begins at Trout Run.
H.G. Allard.

6777 Lichen on bark of tree at Trout Run where trail begins ditto

6778 Lichens on trail to Half Moon Lookout near Trout Run ditto

6779 *Cladonia squamosa* (Scop.) Hoffm. ditto
" on bank near # 6778

6780 *Cladonia squamosa* (Scop.) Hoffm. ditto
" on bank near # 6778

6781 *Cladonia squamosa* (Scop.) Hoffm. ditto
" on bank on sugar knot at about 3000 ft. on trail from Trout Run. (collected June 25, 1939)
same trail above

6782 *Cladonia furcata* (L.) Willd. var. *racemosa* (Hoffm.) Hardy Co.,
on ground on trail from Trout Run near Trout Run to sugar knot shelter.
in Wardensville road. June 22, 1939
H.G. Allard

Centauraea macrocephala Lam. Near Strasburg
On white pine on #55 front
east of railroad front Royal, Va
crossing; abundant Shenandoah Co
(31) this year; just in flower June 22, 1939
fl. pink H.G. Allard.

6784 *Panicum* At abandoned CCC camp
(21) at CCC camp on Devil's Hole mt. ridge
now abandoned rest of Columbia Turnpike
at top of ridge on forest road to
Perry & Wardensville, West Va
road descends to Wardensville, West Va June 22, 1939
H.G. Allard.

6785 *Gramineas*
(21) Same CCC camp snale
as #6784 ditto

6786 *Agrostis*
" In same net spot with #6785 ditto

6787 *Juncus marginatus* Rostk.
" with #6786 ditto

6788 *Juncus effusus* var. *Pygmaei* (L.) Schult. ditto
(21) with #6786

6789 *Panicum*
(51) with #6786. ditto

Juncus secundus Bavar fit abandoned CCC camp
on top of Devil's Hole mt., ridge
at CCC camp in snale Wardensville, West Va
highway, June 22, 1939
H.G. Allard
Shenandoah Co.

6791 (5) with #6790. ditto

6792 *Carex scoparia* Schb. ditto
(5) with #6790

6793 *Panicum*
(21) near #6790 ditto

6794 *Carex scoparia* Schb.
(21) near #6790 ditto

6795 *Agrostis*
(21) near #6790 ditto

6796 *Carex lurida* Wahl.
(41) with #6790 e ditto

6797 *Denathera* bl. yellow. shiny. On trail from Trout Run to Sugar Knob shelter in alpenheines, West Va., Hardy Co., H.G. Allard. June 22, 1939
a opening in 141 woods near Trout Run on Perry to Wardensville full bloom) highway.)

6798 *Juncus effusus* At abandoned CCC camp, Alleghenies var. solutus Tern. & Wieg. (21) in small Sherando Mtn. W. Va. in Devil's Hole Mtn. ridge at CCC camp. on Wardensville, West Va. highway. June 22, 1939. H.G. Allard

6799 *Lathraea* bl. yellow. On trail yell of toward Sugar Knob: just in flower. ditto

6800 *Carex flanda* Deney (21) Near Trout Run in woods

6801 *Denathera* small yellow bl. yell of trail toward Half Moon lead off

6802 *Carep vulpinoidea* Michx. (3) yell of trail in shale

6803 *Carep Baileyi* Britt. (24) In small near # 6802 ditto

Juncus effusus Alleghenies, West Va. var. solutus Tern. & Wieg. in small along trail from on trail to Sugar Knob, West Va. Trout Run to Sugar Knob shelter. June 22, 1939 H.G. Allard.)

6804 (21) *Holcus lanatus* ditto " at foot of trail at Trout Run at Wardensville highway: full bloom.)

6805 *Galium* (31) Beside Trout Run where trail leaves Wardensville highway: abundant; flowers white ditto

6807 *Infellifer* (31) white fl.) at beginning of trail from Wardensville Highway at Trout Run.) just in flower. ditto

6808 *Circaea* (21) Beside Trout Run where trail leaves Wardensville highway. bl. white. ditto

6809 Lichen on low ground rocks (low), Sugar Knob: but date near ground on trail near Half Moon June 25, 1939. H.G. Allard.) same trail to) lead-off. ditto

6810 *Saxicola gregaria* Bicknell. (31) On trail 1 mile from Trout Run: scattered in woods.)

Sphagnum
at spring near
3000 ft on trail
6811 stretch of trail.
" " H. A. Allard
on trail from Trout Run to
Sugar Knob Shelter
from Wardensville Road.

6812 Hepatic.
" " on bank in deep, dark ravine
on bank from Sugar Knob Spring Shelter
spring; just below spring.
Scapania undulata (L.) Dum.

6813 *Sphagnum*.
" " near top of plateau in spring-fed spot:
Sphagnum built up 6-8 inches in
places smothering higher plants.

6814 *Sphagnum*
with # 6813
ditto

6815 Gramineae
" at spring just below Sugar Knob
shelter.
every beautiful spot - spring covered with
interrupted ferns etc.

6816 Moss
" at spring at Sugar Knob Shelter; ditto
on bank
Hypnum curvifolium Hedw.
plus *Bryhnia norae-angiae* (Lindb. & Desq.) Grout.

6817 *Peltigera* (lichen gray)
Moss with it
" just below spring near # 6816
ditto

6817A = *Picramnia scafarium* Hedw. plus *Thuidium delicatulum* (Hedw.) Mitt.
6817B = *Rhytidialplus squarrosa* (Hedw.) Wagn. slender form + *Dicranum scoparium* Hedw.
6817C = *Thuidium recognitum* (Hedw.) Lindb. plus *Picramnia scafarium* Hedw.

Alleghenies, West Va
Hardy Co., June 25, 1939

Juncus effusus
var. *sabina* Tern. spring.
" at Sugar Knob Shelter
on trail to Sugar Knob
6818 spring at 3100 ft. Shelter from Trout Run
at Wardensville highway
June 25, 1939
H. A. Allard

6819 Moss. (reddish) - covered with strobilic.
" " on bank just below trickling brook
from spring.
Tetraphis pellucida Hedw.

6820 Moss
" with # 6819
- *Hygrolypnum norae-caesareae* (Aust.) Grout.
deparforate

6821 Moss
" with # 6819
- *Tetraphis pellucida* Hedw.

6822 Moss
" with # 6819
Bryhnia norae-angiae (Lindb. & Desq.) Grout.

6823 Moss
" with # 6819
Brotherella recurvans (Mx.) Flieck.

6824 *Peltigera* (lichen)
silver gray.
" with # 6819, on soil
ditto

plus *Hylocomium splendens* (Burm.) Bry. Eur.
Dicranum scoparium Hedw. plus *Thuidium recognitum* (Hedw.) Lindb.

Moss. *Thuidium delicatulum* (Hedw.) Mitt. ^{Alleghenies, West Va.}
On wet bank by brook in dark Hardy Co.,
rainy just below spring. June 25, 1939

6825 on top of Sugar Knob side H.A. Allard
"stone shelter" (tents) : 3100 ft alt. ^{we reached} this on trout
Run trail ^{from Barboursville}
= *Bryhnia mosae-angliae* (Sull. & Lesq.) Grout. ^{highway})

6826 Moss ^{from Barboursville}
" with # 6825 ditto

Thuidium delicatulum (Hedw.) Mitt. plus
Bryhnia mosae-angliae (Sull. & Lesq.) Grout.)

6827 Moss ^{from Barboursville}
" with # 6825 ditto
Bryherella recurvans (Mx.) T. Leisch
Tetraphis pellucida Hedw. and *Calyptogea*
Cephalozia media Lindb. and *mesiana* (M. & C.) R. Muell.

6828 Moss ^{from Barboursville}
" with # 6825 ditto
Bryhnia mosae-angliae (Sull. & Lesq.) Grout.)

6829 *Carex gynandra* Schneid. ^{from Barboursville}
" with # 6825: also in ravine ditto
below ad along brook.

6830 *Carex scoparia* Schreb. ^{from Barboursville}
" just below Sugar Knob shelter ditto
spring on trail to Little Stony Creek.

6831 *Carex gynandra* Schneid. ^{from Barboursville}
(2) with # 6830 ditto
a large species with long, lax spikes.

Panicum ^{Alleghenies, West Va.}
on plateau just ^{Hardy Co.}
above Sugar Knob June 25, 1939
6832 shelter; soil ^{H.A. Allard.}
" dry, sandy, stony. ^{on trail from Barboursville}
highway ad trout run to
Sugar Knob shelter (5 miles)

6833 *Panicum* ^{Alleghenies, West Va.}
" ditto

6834 Moss ^{from Barboursville}
" on crevices beneath ^{low}
ledges at causeway near top of ditto
Sugar Knob.

Plagiothecium Roseanum (Hanske) Bry. Eur.

6835 *Carex debilis* var. *Rudgei* Bailey ^{from Barboursville}
very lax. (2) at springy spot on trail near ditto
top of Sugar Knob - where deer tracks
seen in mud.

6836 *Panicum* ^{from Barboursville}
(4) on trail (beginning) at trout ditto
Run; those found by roadside at
trout Run in thickets etc.

6837 *Polygonum ellipticum* Nutt. ^{from Barboursville}
" near top of Sugar Knob ditto
in damp woods; full bloom

6838 *Amianthium monspeliacum* (Balt.) ^{from Barboursville}
(2) near # 6837. abundant; full bloom. Gray
Lower zone of raceme yellowish green;
middle pinkish cream; upper (near bl.)
pure white.

Galinu vernum L. Near Romney, West Va.,
July 1, 1939
Sagittaria fluvialis; var. Hampshire Co.
some old hill pastures
6839 tree, with heavy growth. H.A. Allard
(2) saw it no where else.
one of this need by roadside or in
old fields, contributing a more deep yellow.

6840 variegated grass (var. ^{lutea} Davis) West Va.,
long. Tucker Co.
(3) Escape in old back yard; full bloom H.A. Allard
July 1, 1939

6841 *Eriophorum virginicum* L. sedge. Davis, West Va.,
Tucker Co.,
(3) In bog along
wood way at bridge
6-7 miles from Davis
just in Brown.
July 2, 1939 H.A. Allard
Canaan valley, between
Brown and Cabin mts
at head of Blackwater River.

6842 Gramineae.
(1) with # 6841

6843 *Carex vulpinoidea* Michx.
(3) In deep fog near # 6841
(all in drifts)

6844 *Carex gynandra* Schneid.
(1) Near # 6841, in fog

6845 Gramineae
(1) In fog near bear dam; very
wet.

Lycopodium annotinum L. Canadian valley
rest of Davis, West Va.,
1/2 mile below Beaverdam. 6-8 digits near old
6846 (large shrubby) lumber 2. R. Tucker Co.,
between Brown and Cabin
ad sessile. mts. July 2, 1939
H.A. Allard
Tucker Co. =

6847 *Lycopodium clavatum* L. ditto
(1) with # 6846.
Drier, rocky banks etc.

6848 *Carex brunneoseta* (Pers.) Poir.
(2) Bog 1/2 mile below Beaverdam. ditto
almost making a large area
of dense bog here.

6849 *Panicum*
(1) Near # 6848

6850 *Panicum*
(2) (large)
Near # 6848

6851 *Lycopodium clavatum* L.
same as 6847 ditto.

6852 *Lycopodium annotinum* L.
(1) Same as # 6846
On drier ground on ridge
covered with scrubby wood.

Juncus effusus
In fog ½ mile below
beaver pond.

6853

41

var. solutus Fern. & Wieg.

Canaan valley east of
Davis, West Va. 6-8 miles
between Brown and Cabin Mts.
July 2, 1939

H. A. Allard.

6854 *Crataegus*

(2) Large, tree like at bridge in
swamp + mile west of beaver dam.
bait deer.

6855 *Carex canescens* var. disjuncta Fern.

" in swamp with # 6853

6856 *Juncus mairei* S. F. Gray.

" in wet soil at beaver pond.

6857 *Juncus mairei* S. F. Gray

" with # 6856

6858 *Juncus leftalea* Wahl.

" near # 6856

6859 *Gramineae*

" fine, reddish, fluffy,
at beaver pond near 6856.

ditto

ditto

ditto

ditto

ditto

ditto

ditto

Potentilla

In higher ground near
beaver pond.

6860

41

Canaan valley west Va.
east of Davis 6-8 miles
between Brown and
Cabin Mts., Tucker Co.
July 2, 1939
H. A. Allard.

6861 *Carep intrumescens* Rudge

(3) In wet soil at beaver pond

6861/a = *Carep folliculata* L.

6862 *Juncus effusus*

" at beaver pond in wet soil

var. solutus Fern. & Wieg.

6863 *Galio* (downy) woods at

beaver pond.

6864 *Saxifrage atrovirens* Fern.

" with # 6862

(wet soil)

6865 *Carep defiliz* var. Rudgei Bailey

(2) with # 6862

(wet soil at beaver pond)

6866 *Carep baileyi* Britt.

(5) one clump; with # 6865

ditto

1

Mass
at spring in heavy east of Canaan Valley
woods on between Brown and Cabin Mts.
6867 slope of Tucker Co.; July 2, 1939
" Brown Mt., H.A. Allard.
at Coopers Camp
Anomodon attenuatus (Hedw.) Huebner

6868 Mass
" with # 6867 ditto.
- *Thuidium delicatulum* (Hedw.) Mitt.

6869 *Veronica americana* Schrein
" on bank near beaver dam. ditto

6870 *Galium*
" in moist woods (second growth) ditto
near beaver dam

6871 Mass
" on log near 6867 ditto
Hypnum imponens Hedw.

6872 *Lycopodium*.
" in cinders of old lumber
railroad at beaver dam. ditto

6873 Mass
" in heavy woods above
Coopers Cabin near # 6867 ditto.
Dicranum fuscescens Turn.

Mass
In woods above
Coopers Cabin on
6874 slope of
" Brown Mt., near # 6867
Minium medium Bry. Eur.
plus *Brachythecium oxygladion* (Brid.) J. & S.

6875 Mass
" in same woods near # 6874 ditto
Brachythecium risulare Bry. Eur.

6876 *Carex scabriata* Schrein
" on wooded slope of Brown Mt., ditto
above Coopers Cabin at spring.

6877 *Galium*
" with # 6876 ditto

6878 *Hennegaria*
" in woods with # 6876 ditto

6879 *Carex scabriata* Schrein
" in woods with # 6876 ditto

6880 *Gramineal*
" at spring above Coopers Camp
with # 6876.

allium triococum
(ramps) In Canaan Valley,
east of Davis, West Va.
6-8 miles: Tucker Co.
between Brown and Cabin mts

6881 In moist heavy
woods on slopes July 2, 1939
(2) of Brown mt;
very abundant: no leafage; just in bloom
(See notes of trip: clumps with 25-
39 bulbs.)

6882 Carex intumescens sedge
(2) In woods at spring above
Cooper's camp on slope of Brown mt. ditto

6883 Gramineae
(2) on ridge of Brown mt alone
Cooper's camp in heavy woods. ditto

6884 Carex radiata (Wahl.) Denyer
" at shrub on Brown mt slope ditto
above Cooper's camp, in woods. "

6885 Moss
" on log at spring above Cooper's
camp near # 6884 ditto

6886 Moss
" on rock in water at
at spring brook above Cooper's
camp near # 6885 ditto

6887 Moss - Brotherella recurvans (M.) Fleisch.
" with # 6886 ditto

* 6887a. with 6886
- Brachythecium rivulare Bry. Eur. ditto

allium triococum In Canaan Valley
with # 6881 east of Davis, West Va. 7-8 miles
between Brown and Cabin mts.,
at head waters of Blackwater river.
Tucker Co; July 2, 1939
H.A. Allard.

6888 (2) ditto

6889 Carex laevigata (too old)
(2) In dense woods s ditto
near # 6881

6890 Carex commis Bailey ditto
" near # 6881 e

6891 Carex intumescens sedge.
(2) in rich woods with # 6881 ditto

6892 Carex commis Bailey
(2) on slope of Brown mt., in
dense woods with # 6881 e

6893 Carex intumescens sedge
" with # 6881 e ditto

6894 Mitchella repens ditto
" with # 6881
(full bloom)

Carex leptocarpa Tern. in Cacapon valley
(new to West Va.) east of Davis, West Va., 7-8
miles, between Brown
and Cabin Mts.: Tucker Co.
6895 In dense July 2, 1939. H. G. Allard.
woods on slope Brown Mt. at head waters of Blackwater
above Coopers Cabin. $\frac{1}{4}$

6895a = *Carex intumescens* Rudge. $\frac{1}{4}$

6896 *Cyperus scirpus atrovirens* Muhl. ditto
" Beyond Beaver dam
in wet soil $\frac{1}{4}$

6897 Gramineae ditto
" wet marsh beyond Beaver dam
abundant in swamp here
purple panicles: attractive. $\frac{1}{4}$

6898 *Carex scirpoides* Schk. ditto
" In wet soil beyond
Beaver dam near * 6897 $\frac{1}{4}$

6899 *Cyperus scirpus atrovirens* Tern. ditto
" In swamp with * 6897 $\frac{1}{4}$

6900 *Cyperus scirpus atrovirens* Muhl. ditto
" In swamp with * 6897 $\frac{1}{4}$

6901 *Carex scirpoides* Schk. ditto
" with * 6897 $\frac{1}{4}$

Cyperus typhoides Tern. in Cacapon valley
Cyperus scirpus atrovirens Tern. east of Davis, West Va., 7-8 miles
between Brown & Cabin Mts.,
6902 In swamp Tucker Co.
" at Beaver dam. July 2, 1939
H. G. Allard $\frac{1}{4}$

6903 *Riba prostrata* L'Hérit. ditto

" w. bunch corms: fr. red)
" On rocks and ridges
near Beaver dam. $\frac{1}{4}$

6904 *Hiracium avicinella* L. ditto

" In swamp and pastures
at end of passable road
before Beaver dam is reached.
Full bloom: very abundant. $\frac{1}{4}$

6905 *Carex scirpoides* Schk. ditto
" In swamp near 6902 $\frac{1}{4}$

6906 *Polemonium van-bruntiae* Bottoms
fl. blue. ditto
" in damp soil near
rocks at Beaver dam, in
thicket: fl. blue: showy $\frac{1}{4}$

6907 *Carex difflis* var. *ridgei* Bailey ditto
" in swamp near Beaver dam $\frac{1}{4}$

6908 *Carex folliculata* L. ditto
" in swamp near * 6907 $\frac{1}{4}$

Gramineae
In swamp
at end of
hazable
(" road at
beaver dam.

6909 *In Canaan valley*
east of Davis, West Va., 7-8 miles
between Brown & Cabin Mts.,
Tucker Co., July 2, 1939
H.A. Allard. At head waters of
Blackwater river. An immense
swampy area, low, cut over
shrub area.

6910 *Lycopodium clavatum* L. ditto
(" On drier bank near beaver
pond in thicket - below it 2 miles

6911 *Lycopodium obscurum* L. ditto
(" Near # 6910

6912 *Lycopodium annotinum* L. ditto
(" Near # 6910

6913 *Carex fluminea* (L.) Poir. Top of Spruce Knob, West Va
conglomerate for alt 4860 ft.
at boulders at Pendleton County, July 3, 1939
top: in pasture. H.A. Allard

6914 *Carex intumescens* Ridge ditto
(" with # 6913

6915 *Carex fluminea* (Pers.) Poir. ditto
(" with # 6913

6916 *Carep deflexa* var. *modesta* T. of Spruce Knob,
at conglomerate Pendleton Co., West Va
boulders at top. July 3, 1939. alt 4860
in pasture H.A. Allard
(" 21 Bailey.

6917 *Carep intumescens* Ridge. ditto
(" with # 6916

6918 *Carep stipata* Muhl.
(" in pasture near # 6916

6919 *Oxalis acetosella* ditto
(" in woods on trail near top:
abundant, full bloom.

6920 *Phlox paniculata* L. ditto
(" distributed on trail from harkling
near; showy; bl. diffuse.

6921 *Aconitum napatum* L. ditto.
(" near # 6920 in thicket bl. blue

6922 *Asplenium platyneuron* (L.) Oakes
(" on ledges Nelson Sph.
between the vertical walls. at River mouth,
near Gauleyville, West Va
Pendleton Co.
July 3, 1939
H.A. Allard.

Paronychia angustifolia (Michx.) Nutt. ¹⁹³⁹ *Nebby Rocks*, near
Circlesville, West Va., on the
6923 on top of
pinnacle River Knobs, where are vertical
of vertical medina sandstone walls
" of vertical July 3, 1939. Pendleton Co.
walls here. H.A. Allard

6924 *Moss*
" in rock crevices at top ditto
near 3000 ft
= *Gymnostomum recurvirostrum* Hedw.

6925 *Carex foenea* Willd
" near top of vertical Medina ditto
walls at base of mts; rare here. c //

6926 *Lycopodium obscurum* Dolly Sods Lookout,
near Petersburg, Pendleton Co., West Va
" among rocks around top. July 3, 1939
alt. = H.A. Allard //

6927 *Lycopodium obscurum* ditto //
" near # 6926

6928 *Juncus macr.* At Lost River,
" *s. antithetys* (Wieg.) Hermann West Va.,
roadside, by roadside, July 3, 1939
spring. H.A. Allard c

6929 *Cotulanea mucosa* Lam.
Near Marshall, Va
" roadside; very Tanguier Co
abundant; also very July 3, 1939
abundant at Strasburg 1939; H.A. Allard.
fl. pink-rose; just in bloom. //

Carex vesicaria L
In damp soil among
6930 S. end lake; very common. July 8, 1939
14, Large clumps. H.A. Allard //

Lake Matagamon, Maine
Tannalif b, Range 8,
rest of Potters 30-35 miles
July 8, 1939
H.A. Allard //

6931 *Carex arctata* Brot. ditto
" near # 6930; same habitat. e //

6932 *Carex tribuloides* Wahl. ditto
" Near # 6930; same habitat e //

6933 *Carex crandallii* Fern. ditto
" with # 6930 e //

6934 *Carex crandallii* Fern. ditto
" with # 6930 e //

cranfordii Fern e //

6935 *Carex tibbii* Olney ditto
" with # 6930 e //

6936 *Carex crandallii* Fern. ditto
" with # 6930 e //

Carex crassifolia Tern. Lake Matagamou Maine
South end near Township 6, Range 8
west of Patten 35-40 miles
6937 *Fragaria* (gride)
" where we parked.
July 8, 1939
H.G. Allard.

Potentilla ^{moschata} _{canadensis} Harze Mt., Maine,
Smith end of Lake Matagamou,
Township 6, Range 8
July 9, 1939.
H.G. Allard.
on slide near base of vertical east cliff.

6938 *Carex pumila* Michx
" with # 6937

ditto

6939 *Spergula arvensis* L.
" in waste ground
around tourist
cabin
Near Lincoln,
Maine,
Lincoln Township
(on road to Patten)
July 8, 1939
H.G. Allard

6940 ~~Putomogetus~~ *gramineus*
" water plant
attached to rocks basally in
water 3 ft deep offsite Range 8
cabin we stayed in on Anchor Point.

6941 Moss
" on rocks at top. Harze Mt., called by
natives, Hopse Ass Mt.,
at south end of Lake Matagamou
Township 6 - Range 8. July 9, 1939
H.G. Allard.

6942 *Fragaria vesca* L. var. *americana* Poir
" on cliff at top of Harze Mt., ditto
just ripe: fruit elongate. Doesn't look
like the Virginia wild strawberries.

6943 *Arabis hymenophylloides* Hopkins
" on top of Harze Mt. ditto

6945 *comandra rotundifolia* L.
" on rocks well at rock slide and ditto
on top: just coming into flower; blue.
var. *intercedens* (Wittsch.) Farw.

6946 *Carex trinervis* (Pers.) Poir.
" on rocks at top, thin soil,
little herbage ditto

6947 *Himantium* ^{triviale} _{triviale} Poir.
" in open thickets at head of
valley I described
only occasional at base: Found it
abundant on top of North Mountain,
Hagge etc in places: leaves
mottled; sometimes not.

6948 *Kalmia angustifolia* L.
" abundant at top, making breath ditto
thickets with low bearing blue berry ch:
full bloom

6949 *sphagnum*
" in low swamps - collecting
seepage at top ditto

6950 *Lycopodium clavatum* L.
" in woods everywhere, and ditto
at top: abundant.

Comandra rotundifolia L., Horse Mt., by people
here known as Horse's Ass Mt.
(on rocks, ledges) Maine, south end of Lake
6951 et al top. matagamon, Township Range 8
very abundant July 9, 1939. H.G. Allard.
" in meadow; flowers blue; full bloom about
July 20: just in bloom today.
var. *intercedens* (Witasek) Tarns.

6952 *Erigeron philadelphicus* L.
" in open rocky woods east slope
middle; not abundant here; full ditto
bloom: very attractive.

6953 *Lycopodium annotinum* L.
" in woods east slope and below
opposite camp.

6954 *Lycopodium clavatum* L.
(2) in woods at base; abundant. ditto

6955 *Linnaea borealis* var. *americana* (Torrey) Schlecht.
" in thickets east slope; passing. ditto

6956 water plant - fine, whorled
" leaves: in Lake matagamon, 4 ft
deep near shore, at Anchor Point. ditto

6957 *Carex projecta* Mack. Horse Mt., Maine
(2) south end of Matagamon Lake e ditto
just east of our camp in Anchor Point
towards guide Foster's camp.

Carex projecta Mack. Horse Mt., Maine
in thin ground south end of Lake Matagamon
east of Coffin's ad. Township Range 8
6958 " guide Foster's July 9, 1939. H.G. Allard.
Beside lake in northern Penobscot Co.
" matagamon: abundant.

6959 *Lycopodium clavatum* L.
in thickets and woods; abundant. ditto

6960 *Lycopodium tristachyum* Pohl ditto
(2) woods: common.
Top of mountain

6961 Gramineae.
" in thin rocky soil on top ditto
of Horse Mt.
= *Agrostis hiemalis* (Walt.) B.S.P.

6962 *Potentilla tridentata* L. ditto
" on barren on top of Mt.
very abundant; full bloom.

6963 ~~St~~
" on rocks on top: shrubby vine ditto
IV wt in flower
Chiogenes hispidula (L.) T. & G.

6964 *Suntellaria galericulata* L. ditto
" in damp soil east of
cabin (Anchor Point) and Foster's
abundant here.

Fragaria
 on cliff at top.
 6965 *F. vesca* L. var. *americana* Porter.
 =
 6966 *Apolinaria trichomanes* L
 " on cliff at top. ch
 =
 6967 *woodia ilvensis* (L.) R Br.
 " on talus at base of cliff
 exposed.
 =
 6968 *Chenopodium*
 " on soil of upper talus slope, east. ditto
 = *C. gigantospermum* Aellen.
 =
 6969 *Brassicaceae* : *Arabis drummondii* A. Gray.
 " heart of a cliff
 bl. bluish white
 =
 6970 *Gramineae*
 " foot of talus slope
 = *Agrofyzon repens* (L.) Beauv.
 = *vulgatum* Fir.
 =
 6971 *Hieracium* ~~sporocarpoides~~
 " on open birch, spruce wood
 east of road where legs stayed
 basal leaves not mottled perhaps
 because in shade. mostly green
 high up on the mountain side.

Juncus filiformis L. south end Lake Matagamoon
 in wet soil near lake margin July 9, 1939
 6972 *Juncus filiformis* L. south end Lake Matagamoon
 margin July 9, 1939
 (abundant) H. A. Allard.
 =
 6973 *Ranunculus flammula*
 " var. *reptans* (L.) Mey.
 in wet soil at end of the lake
 margin, very abundant, full bloom.
 bl. yellow, tiny.
 = *susp. Mnemosyne*,
 of Cornell.
 =
 6974 *Carex crinita* Lam.
 " near # 6973; damp soil on
 lake's margin.
 =
 6975 *Galium trichotrichum* L.
 " on low ground with # 6973
 fruit () = cross section
 = *G. trichotrichum* L.
 =
 6976 *Carex tuckermanii* Boott.
 " near # 6973
 =
 6977 *Veronica scutellata* L.
 " with # 6973; bl. purplish.
 very abundant.
 =
 6978 *Carex crassifolia* Fern.
 " in damp soil with # 6973
 =
 ditto

Carex p. Booth. South end of Lake Matagamou, Maine. July 9, 1939, Township 6 Range 8
in damp soil
6979 at lake margin H. G. Allard
(2)

6980 *Carex trifoloides* Wahl. ditto
(2) in damp soil at lake margin.

6981 *Carex lenticularis* Michx.
(2) with # 6980

6982 *Brassicaceae* ditto
" near # 6980

bl. yellow.
" *Roripa islandica* (L.) Boiss. var. *lutea* (Dess.) Butters & Paff.

6983 *Carex retrorsa* Schrein ditto
" near # 6980

6984 *Lycopodium clavatum* L. ditto
" in woods where ferns were.

6985 *Carex p. Booth.* ditto
" near # 6980

Carex lenticularis Michx. and *Carex Matagamou*,
Maine, Township 6 Range 8
July 10, 1939. H. G. Allard

6986 " in damp soil on lake
margin in large clumps: abundant

6987 *Carex retrorsa* Schrein.
" near # 6986.

6988 *Carex vesicaria* L.
(3) in large clumps: with # 6986: abundant

6989 ~~Carex~~ *Juncus* mauer f. *williamsii* (Tern.) Hermann ditto
" with # 6986

6990 ~~Arenaria~~ *Luzula multiflora* (Chr.) Lejeune ditto
" with # 6986

6991 *Juncus mauer* s. f. Gray. ditto
" with # 6986

6992 *Ranunculus pensylvanicus* L. ditto
" near # 6986 date July 13

Potentilla palustris (L.) Tourn. South end of Lake Matagamoy
July 13, 1939

6993 In bog south of lake -
(2) Bl. purpleish.

6994 *Peltigera*
(licher)

In damp ravine July 18, 1939
east slope.

Horse pt., Maine
South end of Lake Matagamoy,
Towndship 6 Range 8

6995 *Carex majaeta* Mack.
(2) Road side, damp soil foot of
east slope

6996 *Saxifrage atrocaerulea* Fries
(2) In bog near # 6993

6997 Gramineae
" Top of mountain in hollow
with damp soil and sphagnum

- *Calamagrostis canadensis* (Michx.) Beauv.

6998 *Danthonia spicata* (L.) Beauv.
" Thin soil at rest of mtn.,
beyond ravine I hunted

6999 Gramineae
(2) on top of mountain near # 6998.
: *Poa glauca* Vahl.

Andromeda glaucophylla Link.

In bog near Stacyville July 14, 1939
7000 in Stacyville Plantation Caleb W. Scribner
" "

7001 *Juncus filiformis* L. Matagamoy Lake, Maine
Towndship 6 Range 8

(3) on back on July 14, 1939
Ledge island, a H. G. Allard
small island near
the ranger's cabin at Anchor Point

7002 *Pyrola secunda* L. On trail to Billfish Pond,
(2) Maine, Towndship 6, Range 8
In moist woods. July 14, 1939
H. G. Allard

7003 *Lycopodium annotinum* L.
In moist woods by trail ditto

7004 *Linnaea borealis*
var. *americana* (Turkev.) Rehder
" near 7002 ditto

7005 *Cirsium heterophyllum* Michx.
" var. *monticolum* Michx.

7005 *Cirsium heterophyllum*
var. *monticolum* Michx.
South end of
Lake Matagamoy,
near ranger cabin
and Tasters
July 14, 1939
H. G. Allard

7006 *Gentianella alpina* Jaq. var. *strictum* G. A. G.
(2) Near # 7005 - here we
harked car near Tasters cabin. Tern.

Hieracium vulgatum ~~var. secundum~~ ^{on} iron trail to Billfish Pond,
Maine, near Billfish Mt.
Township 6 Range 8

7007 Leaves not
(31) mottled. July 15, 1939
H. A. Allard.

In open paper birch-bapple woods.
(common in high elevations esp. full
bloom.)

7008 *Lycopodium clavatum* L
(31) woods. ditto

7009 *woodia*
(11) (smooth stipe)
On ledge on Billfish Mt at Billfish Pond. ditto

7010 *forealis* Michx. var. *magina* (marsh) Ashe.
(11) *Quercus rubra* L. at south end of Lake Matagammon,
Maine, near Matagammon
abundant everywhere. dam. July 16, 1939
the only sals seen. H. A. Allard
Township 6 Range 8.

7011 *Pyrularia elliptica* Nutt.
(11) woods along East Branch of
Penobscot below Matagammon dam.

7011A *P. rotundifolia* L. var. *americana* (Sweet) Fern.
Allard. July 16, 1939 full bloom.

7012 *Dactylis glomerata* L
Roadside - scarce here. ditto

7013 *Sutellaria galericulata* L
(21) Low ground near *Asteria*. ditto
full bloom: abundant.

Juncus macr. S. T. Gray, East Branch of Penobscot
at south end of Lake Matagammon
red soil near old Township 6, Range 8
7014 dam, July 16, 1939
H. A. Allard.

7015 *Carex cransfordii* Fern. ditto
(11) red ground near River.

7016 *Sabicea lucida* Muhl
(21) common in low ground, sandy
eclips, glandular serrate. ditto

7017 *Spiraea latifolia*, Borkh
(21) abundant: full bloom. ditto

7018 *Carex intumescens* Rudge
(11) with # 7014 ditto

7019 *Carex stipitata* Muhl,
(21) near # 7014 ditto

7020 *Sanicula marilandica* L.
(21) waste ground. ditto

Oenothera parviflora L. South end of Matagamum
In thickets by East Branch Lake, Maine.
below old dam
7021 of Penobscot. Township 6 Range 8

11 Full bloom July 18, 1939
= *O. tetragona* Roth. var. *longistylata* H. G. Allard
aleppicum Jaq. var. (Pennell) Major

7022 *Genn. stricta* (Ait.) Fern. ditto
(5) In low ground thickets below
dams: fl. yellow: receptacle
white hairy

7023 *Aster sibiricus* L. North Trappeller Mt.
11 ^{middle} ^{high} ^{east slope} above
just in bloom at middle Trappeller Pond.
waterfall: violet rays. Maine, July 19, 1939
H. G. Allard
= Township 5 Range 9

7024 *Carex flava* L. ^{Brister Request}
11 at waterfall near # 7023 ditto
In water and mud here on cliff. e

7025 *Solidago altissima* L.
31 On crest of mountain where little
other vegetation - an open formation
just in bloom.

7026 *Panicum boreale* Nash.
11 On gravelly bank of Middle Trappeller Pond
at base - to. July 18, 1939

7027 *cladonia* ?
11 with # 7026: on rocks.
7-19-39.

~~trifolium~~ ^{collomia} ^{North Trappeller Mt.}
collomia? bloom. in ravine,
on wet soil at base
waterfall on cliff. Middle Trappeller Pond
7028 very abundant July 19, 1939
31 here, beautiful. H. G. Allard
= *carpus hudsonianus* (Michx.) ^{Brister Request} = Township 5 Range 9.

7029 *Cornus canadensis* L. ditto
21 In orig. spruce forest high up
in ravine, east slope: just in bloom
here: with ripe fruit below.

7030 *Phegopteris dryopteris* (L.) Greene
121 ^{wool} with # 7029: in, dense, dark
woods, moist

7031 *Gramineae* ditto
11 In open woods, east slope below
spruce forest.
= *Cimna latifolia* (Tresz.) Greene

7032 *Lycopodium clavatum* L. ditto
161 In rocky woods, half way
to spruce forest.

7033 *Lichen* ditto
11 On soil on rocks

7033 a = *Cladonia* ^{gracilis} = *C. gracilis* var. *dilatata* (Hoffm.)
7033 b = *Cladonia* ^{leptophylla} = *C. deformis* f. *beauvoisii* (Duf.) ^{gracilis}

7034 *Mosses* ditto
11 On log in spruce forest
in Big Black Ravine.

Lichen
(dew yellow)
7035 On shrive log
" on top of mt. North Traveller Mt., Maine
Baxter Region, Townships 5 range 9
July 19, 1939 H.A. Allard.

7036 *Lycopodium annotinum* L
" on top of North Traveller Mt
in thickets.

7037 sphagnum
" at waterfall top of east slope
with #7028

7038 Gramineae: *Poa glama* Vahl.
" on gravelly soil around
exposed cliffs.

7039 *arnica mollis* Hook
" at high waterfall with
#7028: not abundant; full
bloom.

7040 Gramineae
" at top of North Traveller in moist
soil around cliffs: very beautiful
Calamagrostis canadensis (Michx.) Beauvois.

7041 *Habenaria dilatata* (Pursh.) A. Gray.
" bl. whitish: growing in moist
soil at waterfall high up east slope
of North Traveller with #7039.

water plant, at confluence of Billfish Brook
bleachy, dark near Matagamon Lake,
7042 seen Townships 6 range 8
" attached at base, July 22, 1939. H.A. Allard.

Spongilla lacustris
(*lacustris*) (out of order in date
by mistake).

7043 *Juncus macr.* L. south end of Matagamon
St. Gray Lake. Townships 6 Range 8
" in red soil in July 12, 1939. H.A. Allard.
plate between, comp and *Juncus*
(out of date order by
mistake)

7044 *Hieracium vulgatum* Wies
" in woods on ridges toward
Horse Mt. from one camp. ditto

7045 *Solidago hispida* at Middle Powder Pond
" near Traveller Mt.,
on rocky bank. July 18, 1939
H.A. Allard
Townships 5 range 9
(out of date order by
mistake)

7046 *Thalictrum polygamum* Michx.
" near #7045 - damp soil / ditto
Soil Mnuscher

7047 *Juncus bicanthus* (Engelm.) Tern.
" on wet shore of pond. ditto

7048 *Lycopodium americanum* Michx.
" near #7045; abundant. ditto

Juncus
in wet soil on shore
7049 middle Fowler Pond, maine, at foot of North Traveller Mt. Tarramif 5 Range 9 July 18, 1939 H.A. Allard
" *j. bresicandatus* (Engelm.) Fern.) //

7050 *Panicum boreale* Nash, seeds glistening white ditto on banks near leanto.) //

7051 *Antennaria canadensis* Greene, " on banks at leanto. ditto) //

7052 *Carex lenticularis* Michx. " on banks near # 7051 ditto says M. messader, Cornell.) //

7053 *Carex cryptolepis* Michx. ditto " on shore of pond near # 7051)

7054 *Polygonum amphibium* L. on Thoreau (Long) Island in water Lake matagamon, Maine full bloom; flowers deep rose. Thoreau Island July 21, 1939 H.A. Allard formerly known as Long Island, perhaps has 60 acres in woods: Thoreau camped here. T 6 Range 8)

7055 *Carex luidawahli*. on rocky shore ditto)

Rutus
first bright red when ripe. Pleasant. July 21, 1939 H.A. Allard Thorpon Island, Lake matagamon, Maine " in woods. Tarramif 6 Range 8)

R. pubescens Raf.) //

7057 *Galium asprellum* Michx. ditto " on rocky soil on beach.)

7058 Moss
on rocks on beach. ditto " Leaf tips white, hairment like. (very pretty species))

7059 *Agropyron subsecundum* (L.) Hitch. ditto (Gramineae) " on rocky beach and on cliffs.)

7060 *modia alsensis* (L.) R. Br. ditto " on cliffs; abundant here.)

7061 *Rumex pennsylvanicus* L. f. ditto " on rocky bank.)

7062 *Acer rubrum* L. ditto " in woods; abundant.)

afocynnum androsaemifolium L. ^{Thorac Island}
^{in Lake Matagam on, Maine}
Tunish 6 Range 8

7063 abundant on July 21, 1939
" beach: capsule HQ Allard
in Maine: full flower.

7064 *Salix cordata* Muhl.

" damp soil, on beach: gray twigs
iridescent

7065 *Gramineae*.

" on rocks on beach

purple panicles: athersines
= *Poa palustris* L.

7066 *Salix cordata* Muhl.

" on beach: abundant

7067 *Carex crassifolia* Fern.

" on beach

7068 *Salix helvetica* anderss.

" on beach; base white silky
beneath

7069 *Asclepias incarnata* L.

" Large colony on south beach.
full flower: very showy with deep
red fl.

Rumel

on beach.

7070

"

= *R. britannica* L. possibly, but sterile
says Mierscher.

7071 *Brassicaceae*

21

on beach near 7070

bl. yellow.

= *Roripa islandica* (Oeder) Borb. var. *lispida* (Dav.)
Britton & A. Nels.

7072 *Acrostichum* ~~marinum~~ (L.) Spreng

"

on rocky banks.

7073 *Crambe*

13) on beach - scattered
 narrow, slender spikes, like turnip.
 = *Alopecurus aequalis* Sol.

7074 *Anagallis* *margaretaea*

"

on beach: abundant: just in flower

7075 *Phylopteryx* *polyphyloides* Tie

12

in woods.

7076 *Galium* *tinctorium* L.

21

on beach:

ditto

ditto

ditto

Vaccinium canadense Kalm On Thorac Island,
In woods; abundant T 6 R 8
7077 fr. ripening. July 21, 1939
(2) H.G. Allard

7078 Antennaria parviflora (L.) Greene ditto
" In woods; fruit ripening.
Vaccinium vitis-idaea L.

7079 Carex tuckermanii Bontt. ditto
(2) on bank; clumps; abundant.

7080 Scutellaria galericulata L ditto
(2) on bank.

7081 Hypericum virginicum L ditto
" on bank.
Plants almost crimson throughout.

7082 Carex cransfordii Fern ditto
" on bank

7083 Sium stratiotes L ditto
" on bank. square walt.
fl. white.

Aster cordifolius ?
- on banks
7084 (2) ditto
- *A. tradescanti* L. says Blake, S.F.

7085 Brassicaceae ditto
" on bank
Cardamine parviflora L. var. *arenicola* (Britt.)
O.F. Schub.

7086 Lysimachia tenella (L.) B.S.P. ditto
" on banks, damp, soil.
very shiny in dense areas.

7087 Calonica alpestris ditto
" on wooded banks.
(2) on banks.

7088 Carex haydenii Denay ditto
" on bank

7089 Carex lenticularis Michx ditto
" Near # 7088

7090 Juniperus communis ditto
var. *depressa* Pursh.
on rocky banks.

Antostaphylas ura-misi (L.) On Thornean Island,
var. *uramisi* (L.) ⁵ In Large Matagamoo, Maine
7091 " T 6 - Range 8, July 21, 1939
H. A. Allard.

11

7092 *Juncus filiformis* L.
11 on beach: abundant

ditto
e) =

7093 *Garber crandallii* Tern.
11 on beach

ditto
e) =

7094 *Carex crandallii* Tern.
11 on beach

ditto
e) =

7095 *Sentellaria galericulata* L.
121 on beach

ditto
e) =

7096 *Scirpus atrocinctus* Tern. ditto
121 on beach

ditto
e) =

7097 *Cornus stolonifera* Michx.
11 on shore *racemosa* L. ditto
e) =

Aster ericoides L.

7098

on rocky shore. T 6 R 8
just in flower. July 21, 1939
H. A. Allard.

(4) = *A. tradescanti* L. says S. T. Blake. =

7099 *Epilobium coloratum* L.

11 on beach

= *E. glandulosum* Lehm. var. *adenocaulon*
(Hanss.) Tern.

7100 *Campanula rotundifolia* L. ditto

11 on rocks.
var. *intercedens* (Witasek) Tern.

7101 *Hypericum virginicum* L. var. *fraseri* (Gmel.) Tern.
11 on beach: plants red. ditto

7102 *Mentha arvensis* L.

11 on beach

7103 *Sium sativum* L.

11 on beach. = *S. suave* Walt.

7104 *Potentilla monspeliensis* L. ditto

11 on beach

spiraea latifolia (Ait.) Pers. in Thoron Island
in Lake Matagamoss, Maine,
on beach. T 6 R 8, July 21, 1939
H. A. Allard
" Full bloom)

Carex arcta Brot. junction of Billfish Brook
with East Branch of Penobscot,
red soil by brook. Maine, south of Lake
Matagamoss, July 22, 1939
T 6 R 8. H. A. Allard

7106 *Rosa palustris* Marsh.
in swamp: full bloom
" in swamp: full bloom)

7113 *Myrica gale* L. ditto

7107 *Myrica gale* L.
in swamp.)

7113A = *Populus tremuloides* Mill.

7114 *Lepturus verticalis* L. Gray. ditto
" in swamp with # 7113)

7108 *Scirpus atrocinctus* Fern. ditto
" in swamp with # 7107)

7115 Gramineae ditto
" in low ground near # 7113,)
= *Glyceria canadensis* (Michx.) Trin.)

7109 *Dulichium arundinaceum* (L.) Rottb. ditto
" in mud along brook)

7116 *Scirpus atrocinctus* Fern ditto
" in swamp near # 7113)

7110 *Carex cryptoleptis* Mack. ditto
(10) dry red soil by brook)
(10))

7117 *Eleocharis halustris* (L.) R. & S. ditto
(3) in mud & water by brook)

7111 Gramineae ditto
" damp soil along brook)
= *Calamagrostis canadensis* (Michx.) Beauvois,)

7118 ribbon-like water plant ditto
" attached to fallen - rotting 2-3 ft deep)
Pitamogetus *epiphydrus* Raf. says Meineker)

Floating plant with small white bl., at junction of
leaves linear, whorled. *Ruffish Brook*
7119 attached below whorled with East Branch
" brooks of Penobscot, Maine
T 6 R 8. July 22, 1939
H. G. Allard.

7120 " water plant attached to bottom,
floating alone, but not on surface ditto
in water several ft deep.

7121 *Potamogeton gramineus* L. var. *sanguineus* Muenchow.
" *Betula alle*, *sw. end of Lake Matagamor,*
~~var~~ *hirsutifera* Marsh. *Maine*
at our cabin (ranges on anchor Point)
(one white bark.)

7122 *Carex pennsylvanica* Lamotte
" smallish ^{ident. by T. J. Hermann} about 6 miles down East Branch of
Penobscot River, Maine, south of Lake
Matagamor, T 6 R 8, July 23, 1939
H. G. Allard.

7123 *Lobelia inflata* L.
" near # 7122 in grassy clearing ditto
with Mt. Major looming up west.

7124 *Thuya occidentalis* L. *On Lake Matagamor,*
" dwarfed to 2-3 ft *Maine* *sw. end.*
on anchor Point. *T 6 R 8. July 23, 1939*
near warden's cabin. *H. G. Allard*
therefore a tree.

7125 *Pinus resinosa* Ait.
(3) at cabin on anchor Point ditto
very rocky, sterile & several living
trees here. May general appearance
of *P. rigida*, ie long bracts.

Pinus strobus Lamb *South end of Lake*
Matagamor, Maine,
at warden cabin on *T 6 R 8*

7126 *Amelanchier* ^{July 23, 1939} several good trees here: like appearance of *H. G. Allard*?
" *P. virginiana* of south.

7127 *Habenaria psychodelica* (L.) Spreng.
(3) along river near # 7122 ^{July 23, 1939}
and # 7123: fl. deep rose. ^{same date} *H. G. Allard*
full bloom or coming into July 23
bloom

7128 *Carex stans* ^{July 23, 1939} *sw. end of Lake*
" *C. racemosa* Lam. *Matagamor, T 6 R 8.*
at warden cabin: July 23, 1939
" *C. racemosa* ^{H. G. Allard}
in low flat just east of anchor Point.
bark with lead to white.

7129 *Salix lucida* Michx.
" with # 7128 ditto

7130 *Salix cordata* Michx.
" near # 7128 ditto

7131 *Salix prostrata* Richardson
" near # 7128 ditto

7132 *Gramineae* *sw. of Lake Matagamor*
" ^{July 23, 1939} *on right bank of East Branch*
of Penobscot (down)
near Walker's camp *T 6 R 8; July 25, 1939*
" *Canna latifolia* (Trevise) Gouyeb.
H. G. Allard

Minuartia virginica L. Smith end of Matagamon
Lake, Maine, T 6 R 8
July 25, 1939. H.A. Allard.

7133 Low ground east of Anchorage Point
between ranger cabin & stumps. Toward
Frateris camp. → E
wander cabin

7134 *Spiraea latifolia* (Borkh.) Benth.
24 near # 7133
(Full bloom)

7135 *Veronica scutellata* L.
31 in red soil east of cabin in
blaze here

7136 *Galinus palustre* L.
24 in low ground east of wander
cabin, near # 7133

7137 *Mentha arvensis* L.
21 near # 7133
(damp soil)

7138 *Sium centaefolium* Schreb.
" near # 7133, S. snare ratt.

7139 *Lobelia inflata* L.
11 *spicata* L. ditto.
near # 7133 = *L. inflata* L.
Longwood. says McVaugh who
ident. all *Lobelia*.

Lycopodium americanum Smith end of Lake Matagamon,
Maine, end of T 6 R 8

7140 21 I low ground east of cabin
between it and Frateris' camp.
abundant: full bloom.

7141 *Lysimachia terrestris* (L.) B. S. P.
ditto

24 low, ground, open, very
beautiful: near # 7140.
very abundant, yellowing its mass.

7142 *Mentha arvensis* L.
24 heads in leaf of its
with # 7141

7143 *Ranunculus pensylvanicus* L. f.
24 with # 7141; abundant in edge of
thickets here.

7144 *Scirpus atrocinctus* Tern
11 with # 7141

7145 *Scutellaria galericulata* L.
11 in open low ground with
7141: abundant.

major L. says

7146 *Plantago media* L. M. Schles. ditto
141 in low, open ground
around lake shore here
with # 7141: abundant.

Alopecurus alpinus L. ^{5 of 14 aine} South end of Lake Matagamone, ^{T 6 R 8,}
 Col. July 25, 1939.

7147 In wet soil H.G. Allard =
 (21) near water edge at south end of lake between Warden's cabin and Foster's (halfhead guide) just in bloom.

7148 *Hypericum virginicum* L. ditto
 " Plants red: in damp soil with #7147 July 25 =
 ditto

7149 *Bromus ciliatus* L. ditto
 (3) In same low snale with #7147 July 25 =
 ditto

7150 *Cornus stolonifera* Michx. ^{var. *Canescens* Lam.} ditto
 (21) In low ground with #7147 (fruit whitish, hair) ditto

7151 *Viburnum cassinoides* L. ditto
 (21) Near #7147 July 26, 1939 =

7152 *Heracleum lanatum* Michx. ditto
 " Leaves of fruit of same plant in waste ground where we parked car; near old dam at Foster's (halfhead guide) =

7153 *Lactuca canadensis* L. var. *integifolia* (Bigel.) A. Gray. ditto
 " var. *montana* Bitter, Maine, July 26, 1939 =
 with #7152; abundant; full bloom.

- *L. canadensis* L. var. *integifolia* (Bigel.) A. Gray.

Lactuca canadensis L. var. *montana* Bitter, Maine, T 6 R 8, South end of Lake Matagamone, July 26, 1939 =
 At car, where parked near old dam near Foster's (halfhead guide)

7154 " =
 " near Foster's (halfhead guide)
 " var. *integifolia* (Bigel.) A. Gray. bl. yellow; very abundant on roadsides etc. just in bloom.

7155 *Lactuca spicata* (Lam.) Hitch. ditto
 " bl. & leaves of same plant. bl. blue, with #7154. abundant on roadsides; just in mid bloom.

7156 *Lactuca canadensis* L. ditto
 " Leaves & flowers of one plant: bl. blue 7155 some st. as #7155 =

7157 *Labiatae* ditto
 " near #7155
Yakapis tetraptera L. =

7158 *Lactuca canadensis* L. var. *integifolia* (Bigel.) A. Gray. ditto
 " var. *montana* Bitter
 " with #7154; same sp. (one plant; bl. yellow).

7159 *Sabicea lucida* Muhl. ditto
 (3) Near old dam where we parked car.

" *multicuspis* Michx.

7160 *Cirsium heterophyllum* var. *verticillatum* (Wimm.) Gray. ditto
 Near old dam in waste ground, with #7154; very common everywhere.

Galinsoga palustris L. Smith end of Lake
tinctoria L. Matagamoss, Maine,
near old T 6 R 8, July 26, 1939
7161 dam, in low ground, H.A. Allard
(1))

Galinsoga triflora L. Smith end of Lake Matagamoss,
stems smooth, July 26, 1939
7168 (2) fruit bristly. H.A. Allard.
In woods near stone bears
scr., rest of Anchors Point.

heilta And.

7162 *Solidago canadensis* Blügge. ditto
(2) On inlet where bear and cubs
chased me; ie west of garden's cabin
Leaves fine lustrous, silvery beneath:
very beautiful.

7163 *Solidago canadensis* L. ditto
(2) with # 7162

7164 *Solidago Bebbiana* Sargent. ditto
" in low ground where bear cubs
ran; very hairy leaves beneath.
sp = ?

7165 *Solidago sericea* Marsh. ditto
" Leaves darker in drying.
with # 7162

7166 *Sarcococca hypericifolia* (L.) Kuntze. ditto
(2) with # 7162
in low ground with ridge just west a
few hundred feet where mother bear and
cubs were disturbed, and turned upon me.

7167 *Sarcococca atroviridis* var. *macrophylla* Tern. ditto
(2) with # 7166 = dura

7169 *Aster tradescantii* L. ditto
" bl. white, says. S. T. Blake.
In low ground.
Near # 7162

7170 Gramineae ditto
(2) In shale just east of garden-cabin
where Dr. Bronson dug for earth worms
ie between the cabin and Master's (half-breed/guide)
Calamagrostis canadensis (Michx.) Beauvois.

7171 Gramineae ditto
" On dry soil at cabin on Anchors
Point Agrostis hiemalis (Walt.) B. & P.

7172 Gramineae ditto
" In shale east of Anchors Point -
ie with # 7170
= *Poa palustris* L.

7173 *Linn. cicutaefolia* Schrad. ditto
" with # 7170
= *S. suave* Walt.

7174 *Sentellaria galericulata* L. ditto
(2) with # 7170

Lysimachia terrestris (L.) B.S.P. Synth end of Lake Matagamoss, Maine.

7175 In shade July 26, 1939
between ranger cabin H.A. Allard.
H. ad Foster's (half breed guide)

7176 *Lycopus americanus* Michx
" with # 7175

7177 *Ranunculus pensylvanicus* L.f. ditto
(7) with # 7175

7178 *Carex trifoloides* Wahlen.
in low ground near # 7175

7179 *Mimulus ringens* L.
" with # 7175

7180 *Hypericum ellipticum* Hook. ditto
" with # 7175

7181 *Mentha arvensis* L.
" with # 7175

Gramineae

7182 "

near Fred Walker's H.A. Allard.
camp (guide) (out of date order by mistake)
= *Canna esculentum* L.

7183 "

Brassicaceae
fl. yellow. near Walker's camp.
= *Brassica campestris* L.

7184 *Juncus macr.* S.T. Gray.

" date
" = July 25

7185 " *Lycopodium annotinum* Magee Mt., Maine.
T5 Range 9, July 27, 1939.
H.A. Allard.
in woods at foot.

7186 *Ledum groenlandicum* Oeder
" on great capitate spikes from base.
Part bloom,

7187 *Patentilla tridentata* Ait

" very abundant on bare areas on
top of hill.

7188 "

Compound leaves
near ravine lower slope.
Looks like an Aralia.
= *Aralia racemosa* L.

alnus crispa (Ait.) Pursh. ^{Magie Mountain, Maine,}
7189 ^{15 R 9. July 27, 1939}
well of slope, damp soil. ^{H.G. Allard}

7190 *Gramineae* *Muhlenbergia racemosa* ^{(Muhl.) B.S.P.}
" well of slope among rocks.

7191 *Solidago* *Bebiana* Sargent.
" loose soil, hairy beneath
at foot of Magie Mt., in Magie Brook.

7192 *Scirpus atrovirens* Muhl. ¹⁵
" ^{var. macropodus} ^{Matagamon, Maine,}
" ^{16 R 8}
" ^{min. soil} ^{July 26, 1939. H.G. Allard.}
" ^{where bear dead} ^{out of date specimen.}
" ^(see # 7166 & 7167) ^{one.}

7193 *Aster acuminatus* Michx.
" ^{of Mt. Magie}
" ^{near top in open ravines}
ditto //

7194 *Amelanchier alnifolia* (Michx.) Roem.
" ^{var. bartramiana} (Tall.) Roem.
" ^{in ravines near top.}
" ^{in green forest}
ditto //

7195 ^{shrub on top of Mt. Magie,}
" ^{in bare areas, dense, prostrate;}
" ^{bark reddish; leaves small}
" ^{not common.}
" ^{= *Vaccinium vitis-idaea* L.}

Populus tremuloides L. ^{Magie Mt. Maine.}
" ^{tremuloides} Mill. ^{15 R 9.}
" ^{green top.} ^{July 27, 1939}
7196 ^{H.G. Allard}

7196
"

7197 *Solidago cutleri* Fernal
" ^{in open soil at top;}
" ^{abundant; full bloom.}

7198 *Empetrum nigrum* ^{var. americanum} ^(L.) ^{atropurpureum} ^{Fern & Vries}
" ¹⁵ ^{dense prostrate mats}
" ^{at top in open, gravelly soil}
" ^{Not common, fruit reddish.}
" ^{not much taste}
" ^{Allard.}

7199 *cladice longifolia* ² ^{Golds.}
" ^{Stellaria-like plant.}
" ^{Back of boulder, damp soil well}
" ^{up mountain: rare} ^{= *Stellaria longifolia* Muhl.}
" ^{capitula exerted, shining,}
" ^{nearly black.}

7200 *Epilobium* ^{glandulosum} ^{Lehm.}
" ^{var. adenocaulon} ^(Hausk.) ^{Lehm.}
" ^{in damp, shallow ravine}
" ^{well up mtn.}

7201 *Cetraria islandica*
" ^{On top of mt. in bare, gravel}
" ^{soil, gravel, etc.; very abundant}
" ^{finer growth form than var.}
" ^{material; more compact.}

7202 ¹⁵ ^{Lichen}
" <sup>*Cladonia* ²
" ^{silvery white; dense masses}
" ^{very abundant.}</sup>

Lichen
7203 on rocks etc. Top of Dragger Mountain, Maine,
" T5 R 9 July 27, 1939
H.A. Allard.
siberry gray.

7204 Lichen ditto
" on soil near # 7203
" Marsh bracted, whitish; Cladonia?

7205 Cladonia ditto
" on soil near # 7203 at top
7205a - Red lichen on cliff (shale).

7206 Peltigera ditto
" on rocks at top near # 7203

7207 Campanula rotundifolia L. ditto
(2) var. intermedia (Willd.) Gray. on meadow near top of hill; very abundant, beautiful, full bloom, fairly blushing the areas here.

7208 Artemisia vulgaris L. Medway, Maine
(3) in waste ground. July 28, 1939
H.A. Allard.
Penobscot Co.

7209 Ericobium Near Stearnsville, Maine
(3) in Kelley Bog on Penobscot Co.
Siberia Road July 28, 1939
= viridicarinatum Tern. H.A. Allard.

Valeriana uliginosa Near Stearnsville, Maine,
Penobscot Co.,
in Kelley Bog, on
(2) Siberia Road. July 28, 1939
H.A. Allard.
" ditto.
under ~~arbar-vata~~, spruce etc.
a coniferous bog.

7211 Carex paupercula Michx. ditto
" with # 7210

7212 vine; rounded leaves with
" a few teeth; no H. on front
in bog with 7210.
Limnaea borealis L. var. americana (Torrey) Behn.

7213 Carex leptalea Wahl. ditto
" fine, delicate species
with # 7210

aleppicum Jaeg. var
7214 Geum strictum (L.) Fern. ditto
(4) fl. yellow.
with # 7210; full bloom.

7215 Carya glabra (Mill.) Sweet Bull Run Mt. Va
(3) On edge of woods alone south of Neversell Gap
High Bridge edge field Aug. 6, 1939
here descended quadrat was H.A. Allard.
made.

7216 Carya glabra (Mill.) Sweet ditto
(3) On brook from Riley's spring
where all the Cedars are in old field.
were yellow violet green.

Carya cordiformis (Wang.) Bull Run Mt., Va
South of Hagerell Gap.

7217 Edge of thicket H. G. Allard
(4) in field near tree rare Black gum
Ferns were found, ad running N & S.
toward bare areas. e

7218 *Liriodendron tulipifera* L
(4) Edge of woods at top of high broomedge
field beyond denuded gradient. ditto

7219 *Quercus palustris* Michx
(2) Beside # 7217 ditto

7220 *Carya alba* (L) R. Koch
(4) Growing near # 7218-
where beech woods begin ditto

7221 *Mentha spicata* L
(1) In small area S. of Hagerell Gap
just west of Hagerell to paved Run highway
near Black walnut tree & old cabin
abundant here. e

7222 *Hypericum ascyron* L
(2) In some low ground "scrub" ditto
with # 7221: e

7223 *Eragrostis spectabilis* (Pursh) Stevns
(2) herminal. ditto
In bare soil area S. of Hagerell Gap
soil being studied in pots at Arlington, Va.
e

sabatia angularis (L.) Pursh Bull Run Mt., Va
In old field west of shore so. of Hagerell Gap
July 24

7224 diseased black gum tree
(2) in full bloom; delicate
fragrance; abundant; strong here. e
H. G. Allard
Tangier Co
August 6, 1939

7225 *spiranthes gracilis* (Bigel.) Beck
(1) In old broomedge field
just beyond diseased black gum
near # 7224 ditto

7226 *Helianthus strumosus* L
(3) Edge of thicket near # 7224
silphium trifoliatum L, e
ditto

7227 *Cassia multijuga* L
(1) (pl. small) In old broomedge
field beyond Castello's old
stone cracker; after in high
broomedge field abundant full bloom

7228 *Crotalaria sagittalis* L
(2) In old broomedge field ditto
near # 7226
full bloom; e

7229 *Rhus copallina* L
(3) In old broomedge field ditto
near # 7226; abundant; ditto
full bloom e

7230 *Asclepias incarnata* L Pers.
var. *pubescens* (Ehrh.) Pers. ditto
On Triassic area near Antioch, Ill.
by roadside. e

181 *Asclepias verticillata* L. Bull Run Mt., Va
Aug. 6, 1939
South of Hafersell Gap

7231 On roadside near H. G. Allard
(8) Antioch, Va
Prince William Co

7232 *Prunus americana* Marsh
In thickets south of Hafersell Gap
near young cedar beyond Piley's Brook: fruit red: ripe.

7233 *Lechea leggettii* var. *moniliformis* (Bicknell)
H. G. Allard
" Near # 7232; old field, Bicknell's
H. G. Allard, H. G. Allard

7234 *Rosa carolina* L.
" In high broomedge field
near denuded quadrat: scattered throughout this field

7235 *Calium circassicum* Thunb.
" In high broomedge field
near # 7234

7236 *Pycnanthemum flexuosum* (Walt.) B. S. P.
" In high broomedge field
with # 7234

7237 *Quercus palustris* Muench.
" South of Hafersell Gap: young
trees invading high broomedge
field where denuded quadrat was made.

Satis nigra Marsh. Bull Run Mt., Va
South of Hafersell Gap
August 6, 1939
H. G. Allard

7238 Near springy place
(2) So. of Hafersell Gap
where young cedar tree thick
in old field. Fangmier Co

7239 *Acer negundo* L.
(3) South of Hafersell Gap near
diseased black gum tree Fangmier Co

7240 *Sida spinosa* L.
(2) Below Castellus at
gateway over pasture to
Piley's cabin

7241 *Mentha spicata* L.
(2) In snale S. of Hafersell Gap
near big black walnut tree
was: near old cabin: full bloom.

7242 *Cyperus filicinus* Vahl.
" In old broomedge field
in roadway toward
Piley's cabin from Hafersell Gap

7243 *Spiranthes gracilis* (Bigel.) Beck.
" In broomedge field where
diseased black gum stands:
west of High Point Ridge.
full bloom here; scattered.

7244 *Glymnus virginicus* L. var. *intermedia* (Vahl) Beck
" (var. a big clump perennial) =
allard's further ditch,
arling ton, Arlington Co, Va
Aug. 11, 1939. H. G. Allard.

Hypoleium alternifolia L. Bull Run Mt., Va
Franconia Co.

7245 *Ludwigia alternifolia* L. in thickets in Bull Run Mt., Va
Aug. 6, 1939 Franconia Co.
H. G. Allard
In thickets in Aug. 6, 1939
southern, along H. G. Allard
brook from black walnut grove road
of Hagerell to Broad Run station
highway.

7246 *Pirostoma myrsae* Marsh - Bull Run Mt., Va
(many) Leaf spot on young black Franconia Co
grove *Nyssa sylvatica* Marsh Aug. 14, 1939
beyond large oak west slope H. G. Allard.
High Point ridge: tree 20 ft high, young
75-80% of all leaves spotted - sometimes 5-6
leaves in each cluster; or all.

7247 *Oxalis stricta* L. Bull Run Mt., Va
(yellow) *Oxalis stricta* L. Aug. 14, 1939
In cut over area beyond Riley's spring H. G. Allard
one sandstone mile in. Franconia Co

7248 *Cassia nititans* L. Bull Run Mt., Va
(3) At end of cliffs and grassy ditto
at Castellis, edge of field
here: very abundant, full
blooms

7249 *Microstylie nitifolia* (Michx.) BSP ditto
(1) ^{dry} pine woods near end of
Castellis grassy ridge, West of
Riley's cabin: my first find

7250 *Anglica villosa* (Walt.) BSP. ditto
(1) ^{unbifid} *Anglica villosa* (Walt.) BSP.
In woods where stony by yellow ditto
jackette, in stone near base of High Point
ridge for Castellis grassy ridge.

7251 *Lapidea hirta* (L.) Hornem. ditto
(1) In woods on trail from ditto
High Point ridge to turn off to
Castellis ridge; very abundant on
dry ridges.

Carex virens Muhl.
On High Point cliff
sea shelf.

7252

(2)

Bull Run Mt., Va
Franconia Co
August 14, 1939
H. G. Allard
south of Hagerell Gap.

7253 *Thegophorus begonoides* (Michx.) C. Chr. tree ditto
(1) *Dryopteris* ditto
In woods below High Point cliff (rest)
abundant here in patches.

7254 *Adiantum pedatum* L. ditto
(3) Near # 7253 in moist, ditto
heavy woods: abundant locally

7255 *Gemm canadense* Jacq. ditto
(1) Near old barn in moist grass
west slope below High Point: ditto
abundant here: ranks growing

7256 *Oxalis europaea* f. *apnoea* (Lam.) BSP. ditto
(3) yellow f. ditto
Near # 7255; in old reg
carried here

7257 *Eragrostis spectabilis* (Pursh.) Steud. ditto
(1) Near end where black walnuts
are, in road of Hagerell to Broad Run station
highway.

7258 *Cirsium discolor* (Muhl.) Spreng. ditto
(1) In swale at black walnut grove
in road # 7257; abundant,
full bloom.

Nyfferia multifidum L. Bull Run Mt., Va
Tangier Co
7259 In pasture South of Hafersell Gap
at Henke's valmt Aug 14, 1939
" Trees beside brook. H.G. Allard) c
sp. of Hafersell Gap &
west of Hafersell to Broad Run Station) highway

7260 *Panicum anceps* Michx.
Gramineae
" In large dense areas in
damp soil; near # 7259
Now in its prime.

7261 *Desmodium dilatatum* Dc.
Mimosaceae
" In small near # 7259 v ditto

7262 *Agrimonia parviflora* L
" In small with # 7259, bare
black valmt grass is, col very
abundant south of old cabin here - is
a prime stand: full bloom.

7263 *Mentha spicata* L
" In wet ground small
with # 7262 ditto

7264 *Cyperus strigosus* L
" In same small with 7262 ditto

7265 *Scirpus polyphyllus* Vahl.
" In same small with # 7262 ditto

Rudbeckia laciniata L Bull Run Mt., Va
Aug. 14, 1939
" In small near old cabin old black valmt grass Tangier Co
7266 So. of Hafersell Gap rd west of H.G. Allard
" Hafersell to Broad Run Highway south of Hafersell Gap.
abundant; full bloom. c

7267 *Cuscuta indecora* Choisy. ditto
" In *Impatiens biflora* valmt and
Polygonum sagittatum L
In same small with # 7266;
very abundant here in these plants.

7268 " *Impatiens biflora* valmt
with # 7266; small covered
with this; full bloom.

7269 *Spiranthes gracilis* (Bigel.) Beck.
" In horseedge pasture bare
black grass # 7246 with dense is
ditto

7270 *Desmodium grandiflorum* (L.) DC
" In woods near slope below
High Point cliff; full bloom
= *D. cinnabarinum* (Michx.) DC. c

7271 *Crataegus margaretta* Ashe
" In old horseedge field
near denuded quadrat & high
horseedge field) ditto

7272 *Oenothera serrulata* L
" Near Riley's old cabin
beyond Castello's ditto
E: *Myriocarpa atrissima* Bartl.
= *E. biennis* L.

Paspalum pubescens Muhl. Bull Run Mt., Va.
near Riley's old cabin *Tanquiere Co.*
7273 beyond Castellone, in old field ^{August 14, 1939} H.A. Allard.
" Smith of Hafersell Gaf.

7274 *Cyperus flavescens* var. *roseiformis* Fern.
" at spring beside highway #55 ^{ditto}
at Thorndale Gaf. ^{Aug. 14, 1939} *Tanquiere Co.*
(red soil) H.A. Allard. e

7275 *Juncus subcancinus* Engelm. (var. *Pratense*)
(2) with # 7274 above
red soil near spring overflow ditto

7276 *Quercus* ^{moisture} *forrestii* L. Willd.
(2) on High Point cliff. ditto
most abundant oak in Bull Run Mts. e

7277 *Pinus strobus* L.
" on cliffs at High Point. ditto e

7278 *Pinus virginiana* Mill.
" with # 7277 ditto e

7279 *Adonis*
" on ground, *C. grayi* f. *afferrana* Aspinwall
contains Grayanic acid
H.A. Allard *Tonolpa*
on trail from to Sugar Knot - 3000 ft.

~~Peltigera~~
~~Sphagnum~~
7280 in springy slope near turn right to H.A. Allard.
" Aviation Tower.

standing the other moss ²
plus *Antennaria palustris* (W. & M.) Schur.

7281 Bracken = *Hypnum imponens* Hedw.
(2) near # 7280, also " = 7281 ditto
at spring (walled in)
Pine growth on bank; beautiful.

7282 *Oxalis*
(4) yellow. to aviation tower
in cut over path near trail from
it is at recently fallen small
+ leading to aviation tower.) ditto

7283 violet (blue) lat. petals not bearded ditto
" with # 7282

7284 *Muhlenbergia* ditto
" with # 7282

7285 *Helianthus decapetalus* L. ditto
" near # 7282

7286 *Panicum* ditto
" on ledges in cut over path
ad well of slope to aviation tower.

Surbar americanus Marsh North Mountain, West Va.,
leaves from normal non-sugary knob and
7287 mature tree #7287. Hardy Co., Aug. 24, 1939

Those showing wane, H.L. Allard
brown sprouts from mid-stem dentation
Note marked differences, \neq

7288 *Smilacina odontophylla*
" in oak woods at edge of
bear oak contact near aerial
tower. abundant here
full bloom, \neq

7289 *Hieracium paniculatum* L.
" in wood road at turn off right
on crest of ridge from sugar knob trail
to aerial tower; abundant; full bloom. \neq

7290 *Prenanthes trifoliata* (Cass.) Fernald
" with #7289 ditto \neq

7291 *Solidago juncea*
" on same wood road with #7289,
ad on dry sandy soil to sugar knob
before turn off to steel aeronautic tower. \neq

7292 *Eupatorium purpureum*
" var. low, leaves few, coarsely serrate
near #7289 \neq

7293 *Solidago arguta* Ait.
" on sugar knob trail well up
toward crest of ridge.
see last page for masses 7447, 7447 a, b,
c, d and e. \neq

Peltigera sibirica Gray North Mountain, West Va.
Mass. on soil near spring near \neq Hardy Co. on trail
7294 crest of ridge, wonderful highway to
Sugar Knob, Aug. 24, 1939
" H.L. Allard.
7294 A = *Thuidium recognitum* (Hedw.) Lindb.
plus *Leucobryum glaucum* (Hedw.) Schimp. \neq

7295 *Oreocarpus ilicifolia* Wang ditto
" near walled in spring
near top of ridge on sugar knob trail.
very abundant; full fruit. \neq

7296 *Cladonia cristatella* f. *beansii* (Del.) ditto
" branched, with red apothecia
on soil near #7295 rain. \neq

7297 *Leptodeira lata* (L.) Hornem ditto
" near 7291. On dry
sandy, slope with much bear oak half
way up slope. \neq

7298 *Angelica villosa* (L.) B.S.P. ditto
" on trail well up where bear oak
thickets begin - is with #7297,
at one lead-off to Half Moon shelter. \neq

7299 *Dennordia* ditto
" with #7297 \neq

7300 *Polygala* ditto
" near old house site well
down trail - 1/2 mile from
Trout Run. \neq

Panicum

(very hairy)

7301

(2)

North Mountain, west Va
Hardy Co., west slope
on trail from Wardensville
highway to Sugar Knob.
August 24, 1939
H.G. Allard. //

7302 Pyramphem

" leaves very white beneath

ditto

Near #7300, is opening near
old house site //

7303 Eupatorium altissimum L

" on steep rocky sloping outcrops

ditto

just S. of Strasburg, Va., Shenandoah Co. //

August 24, 1939. H.G. Allard. very

7304 Euphorbia dentata

" var. cristatiformis Engelm.

abundant here: just in
flowers.

ditto

with #7303. //

7305 Polymnia maculata L

" on roadside bordering flood plain
of Shenandoah at stone cliffs S. of
Strasburg: very abundant in rich soil here. //

7306

" Euphorbiaceae

ditto

Near #7304 //

7307 Rudbeckia

" Near #7304 //

ditto

//

Populus

species?

7308

(3)

doesn't fit any species.

at cliff near #7305 //

just south of Strasburg, Va
August 24, 1939
H.G. Allard. //

7309 Scammonia macrantha L. B. S. P

ditto

" Near #7308 //

//

7310

Abutilon theophrasti Medic. Bull Run Mt., Va

" roadside s. of Hoferell Gap H.G. Allard. //

on Hoferell Gap to Bull Run station highway //

near old house on: Bull Run. //

7311

" in wood & rock by

brook, just S. of Belts

in alder thickets

fl. white: my first wood bee: abundant here. //

7312 Cuscuta indecora Choisy

" on Amherita vitis inflorescens L.

old field N.W. of Belts, 1/2 miles

N. of Hoferell Gap //

7313 Vernonia glauca (L.) Willd

" in open woods (vine) N. of

Belts 3/4 mile, at edge of

burn area on Sugar Knob near

Halfway //

7314 Desmodium paniculatum L. D.C.

" with #7313: in thin pine

woods marking extension of north of

pasture N.W. of Belts. //

Kuhnia eupatorioides L. ✓ Bull Run Mts., Va.
Tangier Co. Aug. 27, 1939 H. A. Allard

7315 In dry soil, in North of Halfway Gap.
thin, open pine woods
(3) North of Belts 2 1/4 miles at edge of
burn on a high knob (1000 ft) here.
my first record here, scarcely in flower.
very local.

7316 *Coryn glabra* (Mill.) Sweet ✓ ditto
(2) Edge of woods below * 7315
near Halfway, Va., N. of Belts 1 mile or more.

7317 *Eupatorium aromatum* L. ✓ ditto
" with * 7315
Full bloom

7318 *Dennodin viridiflorum* L. Beck ✓ ditto
" with * 7315

7319 *Caralia atriplicifolia* L. ✓ ditto
" In wood road at foot of
wooded knob near Halfway where
dog came out and barked

7320 *Dennodin viridiflorum* L. Beck ✓ ditto
" with * 7319 *dilleniifolium* Dark. ✓

7321 *Fragaria americana* L. ✓ ditto
" near * 7319.

Hypotheca

? *Penthorum* ✓
7322 *sedoides* L.

" along brook
near * 7319.

7323 *Centauraea speciosa* L. ✓ ditto
(3) ^{rockmenseis} *rockmenseis* Benth. ✓
In grassy soil in woods
near * 7319.

7324 *Dennodin dilleniifolium* Dark. ✓ ditto
" In clearing with * 7323

7325 *Geum canadense* Jacq. ✓ ditto
(2) In swamp on wood road
North of Belts where pasture
gives way to heavy woods, on slope
to lower ground at foot of high knob
toward Halfway, Va.

7326 *Elephantopus carolinianus* Willd. ✓ ditto
" with * 7325 in meadows, on very
beautiful with purple stars or abundant;
full flower

7327 *Sanicula canadensis* L. ✓ ditto
" with * 7325
Part fl.

7328 *Agrimonia gryposepala* Wallr.

" with * 7325; last blooming
mostly; abundant here in swamp.

2 *Penthorum sedoides* L. Bull Run Mt., Va
Fauquier Co
August 27, 1939
Hill, Allard

7329 In swampy spot at foot of slope
at foot of slope
base woods begin North of Haperell Gap $1\frac{1}{2}$ miles
(4) North of Postpone north of Belts.
slope base steep from about 1000 ft. near
Holtbray. Burn of April 1939 stopped here.)

7330 *Leersia virginica* Willd.
(" Gramineae with * 7329
ditto e)

7331 *Epilobium coloratum* Michx.
(3) with * 7329
ditto e)

7332 *Polygonum esculentum* Ell.
var *leptostachyum* Meier.
with * 7329
ditto e)

7333 *Geum canadense* Jacq.
(" In damp thickets on wood road with
* 7332
ditto e)

7334 *Boehmeria cylindrica* (L.) Pers
(3) with * 7332
ditto e)

7335 *Lactuca spicata* (Lam.) Hitch.
(" with * 7332.
pl. pale green
ditto e)

~~*Cryptotaenia canadensis* (L.) Sc.~~ *Cryptotaenia canadensis* (L.) Sc. Bull Run Mt., Va
~~*Thlaspi spicatum* (L.) Hitch.~~ *Thlaspi spicatum* (L.) Hitch. August 27, 1939
Hill, Allard

7336 ~~7336~~ with * 7332 North of Haperell Gap $1\frac{1}{2}$ miles
" Part flowering.
e)

7337 *Lycopodium virginianum* L. *mitophyllum* Michx. ditto
" with * 7332
e)

7338 *Panicum basiri* Poir
(" In low ground with * 7332
ditto e)

7339 *Lappula virginiana* (L.) Greene
(" with * 7332, abundant here.
ditto e)

7340 *Polygonum virginianum* L.
(" with * 7332
ditto e)

7341 *Cirsium discolor* (Michx.) Strong
(" In horseedge field turned last
April - west of Belts; abundant.
ditto e)

7342 *Lobelia siphilitica* L.
(" In swampy woods along wood road
etc., and in shady woods near
* 7332; full bloom, very showy.
ditto e)

Desmodium ~~spinosum~~ *foliolosum* (L.) DC. ^{Bull Run, Mt. Va}
~~spinosum~~ *foliolosum* DC. ^{Bull Run, Mt. Va}
ditteri D. C. ^{Frangman Co}
In broomedge field ^{Aug. 27, 1939}
7343 burned over rest of Belts ^{Hd. Allard}
(b) (in April, 1939). ^{North of Haperell Bay, 1/2 mi.} Fragment here.

7344 *Desmodium rigidum* (L.) DC. ditto
" with # 7343 siliare. v

7345 *Lepechya repens* (L.) Benth. v
" in old broomedge field with 7343
burned over: scattered here.

7346 *Strophostyles helvola* (L.) Britt.
" with 7343. v ditto

7347 *Lepechya virginica* (L.) Britt. v ditto
(3) with 7343.

7348 *Hornaea pandurata* (L.) G. F. W. Mey. ditto
" with # 7343

7349 *Hieracium gronovii* L. v
(3) with # 7343 ditto
scattered over three old sedge fields. e

Galega pilosum Lit. ^{Bull Run Mt. Va}
^{Frangman Co}
In old broomedge field burned ^{Aug. 27, 1939}
over, ie with # 7343 ^{Hd. Allard}
7350 ^{North of Haperell Bay, 1/2 mi.} ^{1/2 mi.}
" ^{1/2 mi.} rest of Belts. e

7351 *Quercus alba* L. ditto
" from large white oak rest of Belts
in pasture: lower limbs bending to ground.

7352 *Spinanthec granuliflora* (Bigel.) Beck.
" in same broomedge field with
7343 ditto

7353 *Commelinia communis* L.
" along fence row near Belts' ditto

7354 *Sabicea nigra* Marsh.
" on Haperell to Broad Run station ditto
highway, near Broad Run station
common. e

7355 *Carya alba* (L.) K. Koch.
" in old pasture rest of Belts'
and just west of smaller Belts'
where no park (in negro yard)
rest of White Rocks. ditto

7356 *Peltigera* ^{Bull Run Mt. Va}
" on soil east slope on
trail below High Point
from valley road. ^{Sept. 3, 1939.}
North of Thoroughfare
Gulf along valley road
from just east of Boreley
Mill. Hd. Allard

Dennodin *dillenii* Dark. Bull Run. Mt. Va
along ^{valley} road just N. Prince William Co
Sept. 3, 1939

7357 a few hundred yards Hq. Allard
(3) north of railroad North of Thoroughfare Gap
below Beverley Mill on valley road.
abundant; full bloom.

7358 *Panicum polyanthes* Schult. ditto
" on roadside bank
near # 7357

7359 *Oxalis stricta* L.
(2) along railroad at Beverley Mill ditto
" " ditto

7360 *Euphorbia maculata* L.
" with # 7359 ditto
" ditto

7361 *Lepechya striata* (L.) H. P. A.
(2) along railroad with # 7359 ditto
abundant everywhere.

7362 *Actinomeria alternifolia* (L.) DC. v
" near railroad in thicket ditto
in damp soil; very abundant.
full bloom.

7363 Gravel: *Leersia virginica* Willd.
(3) along shaded, weedy, in
moist gutter just N. of railroad ditto
crossing of valley road below Beverley.

Leersia virginica L. v
Bull Run Mt. Va
near railroad Prince William Co
Sept. 3, 1939

7364 below Beverley Mill, Hq. Allard
" " North of Beverley Mill
" in red soil. (Thoroughfare Gap)
ie along valley road. valley road.
way just N. of crossing
below Mill.

7365 *Polygonum acre* hydroph. var.
var *leptoachrysum* Neiss. v ditto
Near # 7364, red soil, *Hordeum* ^{fru} _{fru}
" *laford*

7366 *Eupatorium maculatum* Michx. v
(2) on bright side just north of ditto
railroad at Beverley Mill
near trail comes down from
grasses; full bloom

7367 *Eupatorium album* L. v ditto
(3) in old field near old house
at left of valley road just
north of railroad at Beverley Mill.
ie ^{old} matrimony vine grew
on chimney.

7368 *Dennodin* *dillenii* Dark. v ditto
" with # 7367; in old bridge
field near cornfield here. v

7369 *Pycnanthemum incanum* Michx. v ditto
" near # 7367 v

7370 *Quercus rubra* L. var *maxima* (Marsh) Ashe
(3) " *maxima* Ashe v ditto
at grassy old cornfield
north of house on valley bank
here old house site was (see 7367)

Desmodium paniculatum Bull Run Mt., Va
In old field and ^{1/2} Prince William Co.
7371 ^{Sept 3, 1939} H.G. Allard.
" large red rakk (7370), stands abundant.

7372 *Desmodium rotundifolium* (Michx.) DC.
" on west slope of ridge east of
High Point ridge, in open woods with
full bloom: scattered here: full bloom.

7373 *Quercus marilandica* Muench
(3) ditto
" on crest of same ridge near
the 7372: abundant here
no bristle points on some of them: no lobes

7374 *Quercus marilandica* Muench ditto
" near 7373.
(3 lobed type)



7375 *Lepidium violaceum* (L.) Pers.
" in wood road on east slope of ditto
High Point ridge near High Point.
abundant: full bloom.

7376 *Coronaria laevigata* (L.) Raf.
Coronaria ditto
Near 7375: scattered: full bloom.

7377 *Digitaria ischaemum* (Schreb.) Muhl.
(4) on this soil on top of High Point ditto
cliffs in some colony.

Stemodia hispida (L.) Benth. Bull Run Mt., Va
Sept. 3, 1939
on High Point cliffs H.G. Allard.
7378 near 7377
" *Bulbostylis capillaris* (L.) C.B. Clarke

7379 *Centauria melanocaphala* Arlington Farm.
(3) as labelled from Red D. Pearce, 1938
N.J. (?) collected for Blake, S.F.
Aug. 30, 1939, by H.G. Allard.
Grown at Arlington Farm on length of day

7380 *Centauria stroblypha* ditto
(labelled) from same source and ditto
grown in same test with 7379.
seed from Red D. Pearce.

7381 *Edun telephroidea* Arlington Farm.
(4) from microscope some years ago: ditto
ago: grown in test at Arlington Farm, H.G. Allard.
(see data). These control plants: in full
bloom: later collected Sept. 6, 1939, killed by
another plant in hot water forest.

7382 To compare with s. *telephroidea* in Bull Run Mt.
(2) *Solidago umbellata* Muhl. Bull Run Mt., Va
On trail to and rd north of Thoroughfare Gap.
just S of High Point Sept. 10, 1939, H.G. Allard

7383 *Nymphoides advena* 2 ditto
since little serrate: ab. full bloom.
North of Thoroughfare Gap $\frac{1}{2}$ mile
in Broad Run creek: only colony here;
leaves only; get flowers next spring.

7384 *Humulus lupulus* L. ditto
(5) *Aquilegia vulgaris* L. North
Thicket at 7383: one plant).
Also a large *Cumulif* vine here.
on a dump.

Gnorimoscheles *bicolor* Willd. Bull Run Mtn. Va
Fauquier Co.

Sept. 10, 1939

7385 1/4 mi. N of Thoroughfare Gap H. G. Allard
1 1/2 miles in low ground beside Broad Run creek;
near # 7383. Abundant on Trigovic east;
less so west of Bull Run ridge. e

7386 *Edelia alba* (L.) Hook. v ditto
1 8/1 at Beverly Mill in waste ground
beside Mill; my only words are here. e
full bloom; seedling abundantly. e

7387 *Polygonum* [?] *assimilatum* L. ditto
1 2/1 with # 7386 *erectum* L. ditto
e

7388 *Polygonum pernicyticum* L. ditto
1 3/1 at Beverly Mill in waste ground near
highway; abundant. full bloom; pink
var *laevigatum* f. *halaeum* Stanford e

7389 *Polygonum* ~~are~~ *perniciatum* Ell. ditto
1 3/1 ~~var. *leptocephalum* Meissn~~ ditto
with # 7388; abundant. e

7390 *Xanthium saccharatum* Willd. v ditto
1 2/1 with # 7388; abundant along R.R.
here etc. e

7391 *Verbena urticacea* L. ditto
1 2/1 just south of Thoroughfare Gap, at
junction of the 55 highway with road
north past Broad Run Station; abundant
in low meadow here at bridge. e

Leersia

Bull Run Mtn., Va
Fauquier Co.

Sept. 10, 1939

7392 with # 7391 ad H. G. Allard
1 2/1 in water ad mud of Broad Run here
= *Leersia oryzoides* (L.) Smartz

7393 ~~*Helianthus decapetalus* L.~~ ditto
1 1/1 with or near # 7391; full bloom.
= *Helianthus scabrius* Pers. v e

7394 *Polygonum* ~~assimilatum~~ *erectum* L. ditto
1 1/1 Giving name # 7391, is at bridge. e

7395 *Carya cordiformis* (Wang.) K. Koch ditto
1 8/1 in low meadow with # 7391
Large tree here e

7396 *Salix nigra* Marsh ditto
1 2/1 on creek bank (Broad Run)
at bridge near # 7392; very abundant. e

7397 *Cyperus rotundus* L. ditto
1 1/1 in wet soil by roadside at
Broad Run station
7397A = *Polygonum corniculatum* (Gray) Wieg

7398 *Bidens vulgata* Greene ditto
1 1/1 with # 7397

Prenanthes trifoliata (Cass.) Ternall Bull Run Mt., Va
Road side thicket near v Fangman Co
7399 Broad Run station. Sept. 10, 1939
H.A. Allard

121

7400 *Asclepias pedicularia* (L.) Raf. ditto
(21, on dry oak woods, red slope
just above Broad Run station -
it, red oak, black oak ch. not abundant
in Bull Run area: full bloom)

7401 *Saxifraga nigra* Marsh
var. *foliolata*? ditto
In springy spot in pasture red slope
above Broad Run station

7402 *Stylanthus biflora* (L.) B.S.P. v
(21 In pasture near * 7401 ditto

7403 *Zamia dimidiata* D. C. v
(21 In woods red slope with * 7400, ditto
on wood road below High Point.
abundant.

7404 *Helianthus strumosus* L. v ditto
(31 In damp spot in wood road
red slope below High Point.

7405 *Leefedya violacea* (L.) Pers. v ditto
(21 In wood road with * 7404
also in horse-medge fields.

Hieracium scabrum Michx v Bull Run Mt., Va
in woods, red slope Fangman Co
near High Point cliffs. Sept. 10, 1939
7406 abundant. H.A. Allard

7407 *Thalictrum dioicum* L. ditto
" Colony under large tree Polyg. tree
in woods, red slope near High Point.

7408 *Lucahryum album* ditto
" on soil on slope at foot of
High Point cliffs. Large area
here, and very beautiful with its
light yellowish green.

7409 *Panicum ashei* Pers. ditto
(21 On cliffs at High Point, red
slope just below crest.

7410 *Sesothylax capillaris* L. B. Smith ditto
" in thin sandy soil on cliff shelf
at top of High Point cliffs
abundant here. *Bulbostylis capillaris* (L.) C.B. Clarke

7411 *Leefedya hirta* (L.) Hornem. v ditto
(31 On High Point ridge on trail
to High Point, and just south
of High Point cliffs. very abundant
on dry wooded hill ch. here.

7412 *Polygonum scandens* L. ditto
(21 Climbing high over bushes N. of Thoroughfare
Graf - near * 7385, abundant.

Carex atriplicifolia L v Bull Run Mt., Va

Tangier Co

in woods east of

Sept. 10, 1939

7413 Broad Run station H.G. Allard.

" red slope in way, to High Point Cliffs.

7414 *Caralluma odontostigma* Nutt. ditto

" in damp, rich woods red slope

below High Point Cliffs.

abundant: in colonies usually.

7415 *Corydalis semperfervens* L) Pers. ditto

" on High Point Cliffs: in flower: passing.

May first Bull Run record; very few plants:

a few seedlings only, od two native plants.

7416 ² *Scirpus* *Cyperaceae* ¹ *Fimbristylis castanea* (Mitt) Vahl. ditto

Chesapeake Bay, Talbot Co.,
several miles off Eastern
Shore. Sept. 17, 1939

on eastern shore in
marsh: nearly here. H.G. Allard, Maryland

7417 ¹ *Gramineae* ditto

with #7416, forming more, matted
stands over great areas of low marsh.

7418 *Spartina alterniflora* ditto

with #7416: abundant od

on saline shores here.

7419 *Syrinx robusta* Persch. ditto

2 with #7416: scattered

here: not abundant.

Spartina

in salt marsh

7420 in back near

131 * 7416

Poplar Island
Chesapeake Bay
Talbot Co., Md.
Sept. 17, 1939
H.G. Allard.

7421 *Bidens aristosa* ditto

131 Near * 7422

Galesville, Md

Sept. 17, 1939

H.G. Allard
Prince George Co.

7422 *Andropogon virginicus* L ditto

131 Near * 7421

ditto

7423 *Aster subulatus* Michx. ditto

131 has very short faint blue to purplish.

in pine woods red shore; one colony, tall

bloom: Have never found this aster before.

7424 *Baccharis halimifolia* L ditto

Near #7423. Extremely common
along shore margin; stamine &
tripliate; full bloom. Same me and
Clarence Peatley of our office Tolson Inn.

7425 *Solidago sempervirens* L ditto

in marsh east shore; abundant: full bloom

7426 *Cuscuta obtusiloba* HBK. ditto

on *Baccharis halimifolia* L

very abundant on this in marsh
on east shore; also on *Solidago sempervirens* L

Eupatorium serotinum Michx. Poplar Island,
In pine wood Chesapeake Bay,
7427 red shore near Talbot Co. Sept. 17, 1939
(b) * 7423; abundant full bloom. \neq

7428 *Atriplex patula*
" var *hastata* (L.) Gray.
with * 7427; abundant
frustrate. \neq ditto

7429 *Pluchea camphorata* (L.) DC. var. *saccata* (Forst.)
(1) In marsh east shore. ditto
abundant on island in red soil; \neq
showy.

7430 *Cladonia*. ^{rest of}
" on soil and ^{on ridge (mt.)} just west of Woodstock, VA
(2) dead log on bark. on soil and bark of logs.
" *C. mucicula* f. *syracella* (Ach.) Wain. \neq
" *C. mucicula* f. *syracella* (Ach.) Wain. \neq

7431 *Cladonia chlorophala* (Flotow) Sprng. ditto
" cups \neq 7431A: *C. conioarea* f. *ceratodes* (Flotow) Wain. \neq
with * 7430

7432 *Leucomyces pumila* L. North Mountain, West Va.
" on red slope well ^{Near Sugar Knob,}
of clearing from Trail ^{Hardy Co.}
Run to Tower (Aviation) ^{Sept. 23, 1939}
H. A. Allard. \neq ditto

7433 Gramineae
" Near * 7432 ditto

Aster divaricatus ^{west slope of North Mt.,}
" with * 7432 ^{West Va.; near Linger Knob,}
7434 near aviation tower. ^{Hardy Co., Sept. 23, 1939.}
" ^{H. A. Allard}
Leaves not long acuminate. \neq

7435 *Gerardia laevigata* ditto
" near * 7434
Leaves very narrow. \neq

7436 *Viola canadensis* L. ditto
" near Trout Run in ^{downy}
soil west slope in ^{cleared}
area; in flower. \neq

7437 *Erythites hieracifolia* L. Gray. ditto
" in cut over and burned area
leading from Trout Run to aviation Tower. \neq

7438 *Chelone glabra* L. ditto
" Filous with a pinkish
In wet spot near * 7437 - where ^{rest of}
cut over area is half way up to crest 3300 ft. \neq

7439 *Aster macrophyllus* L. ditto
" near * 7438 - ie at
east spring of slope. \neq

7440 *Eupatorium urticacefolium* Leibnitz ditto
" with * 7438 - ie in
clearing of mountain to tower; abundant,
full bloom. \neq

Eupatorium

west slope of North Mt.,
west Va., near Sugar Knob
74 7441 on mountain slope, Sept. 23, 1939, H.A. Allard,
(b) rest slope in cut over area from Trout Run
(3) to aviation tower.



74 7442 *Sorbus americana* ditto
(1) Coarsely-toothed juvenile leaves on
tree cut down in area to tower from
Trout Run. Compare with fine teeth of
maine leaves.

74 7443 Red Oak
(1) *Quercus falcata* - northern form ditto
(across cut leaves) across cups left: and
long, pointed; not a shallow saucer
like ours here.

74 7444 *Quercus ilicifolia* Wang.
(1) juvenile leaves from cut-over
tree, -ie from low basal sprouts of ditto
one summer's growth: compare with stunted
leaves of *7445

74 7445 *Quercus ilicifolia* Wang
(1) normal leaves of full-grown trees ditto
at top of mt (3300 ft.) at aviation tower.
very abundant, nearly more stand here.

74 7446 *Solidago erecta* Pursh.
(1) On trail from Sugar Knob ditto
down to Trout Run. Near top
of plateau here.

74 7447 Mosses
(several)
(1) On rocks of wall in spring on
Sugar Knob-Trout Run trail near top
of plateau here.



Trail to Sugar Knob
Trail to top.

July 1-4, 1939 west Va
To Canaan valley, with Mr. & Mrs
Klinger. 1939
the 1st Bill ad Dr. Brandes
August 6, 1939, to area S. of Hagersell Gap
and to High Point slope with T
August 14, 1939, to area S. of Hagersell
Gap, High Point et al., with A.B. Gurney.
August 24, 1939, to North mt., west Va;
in Trout Run, Sugar Knob area
with A.B. Gurney.

*7287 ad *7287a = variant leaves
and normal leaves of *Sorbus americana*
on North mt., west Va., August 24, 1939

Aug. 27, 1939. To area N. of
Hagersell Gap with D.R., walking
from negro house at town of road
nearly to Halfway, over farm of
1939 (April).

Sept. 3, 1939. To area N. of Bordenay Mill on
High Point ridge to High Point, ad on
ridge east, ad the valley ad valley
road between with T.



Sept. 10, 1939. To
west slope of High Point ridge ad
North of Thoroughfare Gap to High Point
with D.

Sept. 17, 1939. To Poplar Island,
in Chesapeake Bay, Talbot Co.,
with Clarence Beatty (Tobacco Env.)
Doris, Roy, Aubrey Babcock and
Harold Allard. Very windy in P.M.
Sailed to island in Siegler's sailboat.
The Sea Cloud.

Sept. 23 and 24, 1939. To west slope and
top of North Mt., from trail from W
across Tower of closed area, and
coming down trail via Half Moon
shelter. Sept. 24, take # 601, open
U.S. route # 11 (Valley Pike) just
north of Woodstock, continuing over
mountain past river line tower
and down west slope, driving N
on W # 55 to Strasburg. Went
with T

all Juncaceae, Cyperaceae
in this book, identified by
Dr. F. J. Hermann.

Panax carota L., forma roseus
Fiorissell, occurs at Hapennell Gap
etc. (Willert?)

all numbers with symbol e card
indexed and checked.

all willows checked or identified
by Dr. E. D. Ball - See *Salix pellita*
7068 & 7102, perhaps southernmost
limit (for this species)

7447 = *Eurychium glaucum* (Hedw.) Kindb.
7447-a = *Scapania nemorosa* (L.) Dumort.
,, plus *Marsupella sphacelata*
7447b = "

7447c = *Thuidium delicatulum* (Hedw.) Mitt., plus
Aulacomnium palustre (W. & M.) Schleier.
(Siebeck) Pum.

7447d = *Brachythecium oxycladon* (Brid.) J. S. C.
(very slender), plus *Aulacomnium palustre* (W. & M.) Schleier.
plus *Hypnum reptile* Mx.

7447e = *Aulacomnium palustre* (W. & M.) Schleier.
plus *Thuidium* sp., plus *Eurychium*
serpulatum (Hedw.) Kindb.

